



# REPORT

ON THE

## Public Health Administration of Burma

FOR THE YEAR 1929



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Rangoon

Supdt., Govt. Printing and Stationery, Burma

1930

Price,—Rs. 2-8-0 = 3s. 9d.]





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# RESOLUTION

ON THE

## Report on the Public Health Administration of Burma

For the year 1929.

Extract from the Proceedings of the Government of Burma, Public Health Department,—No. 243S30, dated the 4th October 1930.

READ—

The Report on the Public Health Administration of Burma for the year 1929.

RESOLVED THAT—

The Report be published.

By order.

F. H. STEAVENSON,

*Secretary to the Government of Burma,  
Education Department.*

STATE OF NEW YORK

IN SENATE

January 11, 1906.

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OF THE

COMMISSIONERS OF THE LAND OFFICE

IN ANSWER TO A RESOLUTION PASSED BY THE SENATE

ON JANUARY 11, 1905.

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1906.



# Report

ON THE

## Public Health Administration of Burma

FOR THE YEAR 1929.

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[Sections I to IV are, as usual, omitted, Section VII is separately reported upon, and Section VIII is not controlled by this Department.]

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### SECTION V.

#### GENERAL POPULATION AND VITAL STATISTICS.

1. **Area and Population.**—The total area under regular registration was 115,060 square miles and the population for which vital statistics have been collected was, according to the 1921 census 1,253,630 for urban areas and 9,568,988 for rural areas making a total of 10,822,618.

The returns for the backward districts where registration is not sufficiently accurate to be included in the main statements, including those in which registration by tally sticks is in force and affecting a population of 2,337,446 and an area of 116,935 square miles, are shown in Statement II (*a*).

#### 2. **Immigrants and Emigrants.**—

| Year.                          | Immigrants. | Emigrants. |
|--------------------------------|-------------|------------|
| 1929                           | 405,393     | 371,877    |
| 1928                           | 418,698     | 333,006    |
| Increase or decrease over 1928 | -13,305     | + 38,871   |

The addition to the population of Burma from this source was 33,516. As in past years there were no emigrants from the port of Moulmein; nor were there any immigrants or emigrants from the port of Bassein. In the other five ports immigrants exceeded emigrants at Rangoon and Tavoy, and emigrants exceeded immigrants at Akyab, Kyaukpyu and Mergui. The great majority of immigrants (369,358) entered the Province through Rangoon and of the 324,011 emigrants from Rangoon 294,574 persons were bound for Indian ports.

3. **Rainfall.**—The figures recorded are again based on the readings published by the Commissioner of Settlements and Lands Records, taken from 233 stations. The provincial mean was 97·66, an increase of 3·87 over last year. Exceptionally heavy and exceptionally low rainfalls were recorded from the districts noted below :—

| <i>High.</i>            |            | <i>Low.</i>    |           |
|-------------------------|------------|----------------|-----------|
| Tavoy                   | ... 247·32 | Pakôkku        | ... 34·51 |
| Kyaukpyu                | ... 219·79 | Shwebo         | ... 34·63 |
| Sandoway                | ... 212·82 | Myingyan       | ... 34·72 |
| Amherst                 | ... 205·85 | Sagaing        | ... 35·21 |
| Thatôn                  | ... 204·06 | Lower Chindwin | ... 35·95 |
| Akyab                   | ... 194·62 | Kyaukse        | ... 36·11 |
| Mergui                  | ... 168·56 | Magwe          | ... 39·24 |
| Pegu                    | ... 144·91 | Minbu          | ... 39·93 |
| Hill District of Arakan | 131·94     |                |           |
| Toungoo                 | ... 125·39 |                |           |
| Pyapôn                  | ... 124·29 |                |           |
| Hanthawaddy             | ... 123·85 |                |           |

The highest rainfall was recorded in the month of July whereas last year the highest was in June.

4. **Cost of Rice.**—The average cost of a basket of rice of 75 lb. weight was Rs. 4-11-0 during the year under report. The figures for previous years were, 1928 Rs. 5-0-0, 1927 Rs. 5-6-0 and 1926 Rs. 5-10-0. In spite of the drop in price of the staple food the death rate of the province has risen.

5. **Statistics within Railway Limits.**—In a railway population of 9,822, living outside municipal and notified areas, the birth rate was 13·85, and the death rate 10·59. The highest mortality was recorded in Kyaukse (37·97) and the lowest in Katha (2·08). The statistics of the principal railway areas are as follows:—

| Name of Area.           | Population. | Birth rate. | Death rate. |
|-------------------------|-------------|-------------|-------------|
| Yamèthin ...            | 1,172       | 5·97        | 2·56        |
| Sagaing ...             | 775         | 9·03        | 9·03        |
| Northern Shan States... | 744         | 1·34        | 20·16       |
| Shwebo ...              | 740         | 13·51       | 6·76        |

6. **Inspection of Birth and Death Registers.**—Registration of Vital Statistics was in force in 38,823 villages and towns, and the records of 11,276 were inspected by District Health and Vaccination Staffs, as compared with 11,488 in 1928. The number of entries verified was 451,325, as compared with 380,154 last year. District Staffs visited 6,286 villages and towns, and verified 82,987 entries, as against 80,659 in the previous year. The districts in which verification on a large scale was performed by the Public Health Staff were Magwe (31,897), Myaungmya (30,476), Prome (28,263), Henzada (19,698),

Pakôkku (19,104), Shwebo (19,104), Sagaing (18,359), Myingyan (18,295), Bassein (16,988), Minbu (16,514), Akyab (13,676) and Katha (13,306). Very few entries were verified in Thatôn (1,600), Lower Chindwin (2,271), Yamèthin (2,723), Pyapôn (3,953), Amherst (4,327), Sandoway (4,924), Thayetmyo (5,218), Kyaukpyu (5,459), Insein (6,176) and Hanthawaddy (6,241) and this matter will be taken up with the officers responsible.

It is satisfactory to note that in Meiktila District, out of 12,621 entries verified 1,267 omissions were detected, and in Yamèthin out of 2,723 entries verified 889 omissions were detected. In Prome, while 899 omissions were reported to have been detected last year, the number of omissions detected has this year come down to 335. In Myaungmya, Akyab, Katha, Pegu, and Kyaukse districts where verification was reported to have been done on a very large scale by the Public Health Staff, not a single omission was detected. The presumption is that in those districts verification work is done in a very superficial manner and this will be tested by independent checks.

In most districts and many towns the practice is to collect the children in a central place and verify the birth entries there. This is next to useless, and, unless a house-to-house inspection is made by the inspecting officers, many of the events escape verification. In Pakôkku town a house-to-house verification, done at the instance of this department, resulted in bringing to light as many as 575 omissions to register the events. It is striking that in Mandalay town the number of births (7,341) was the same as the number of deaths (7,341), and that all the births and deaths entries were reported to be verified.

There were 4,811 prosecutions of parents and guardians for neglect to report births and deaths, as against 2,484 instituted last year. Fines ranging from annas 4 to Rs. 20 were imposed in 2,729 cases. Of 107 headmen prosecuted for slackness in registration work, 34 were fined from Re. 1 to Rs. 50, 55 warned, 1 reprimanded and in 17 cases the results were unknown.

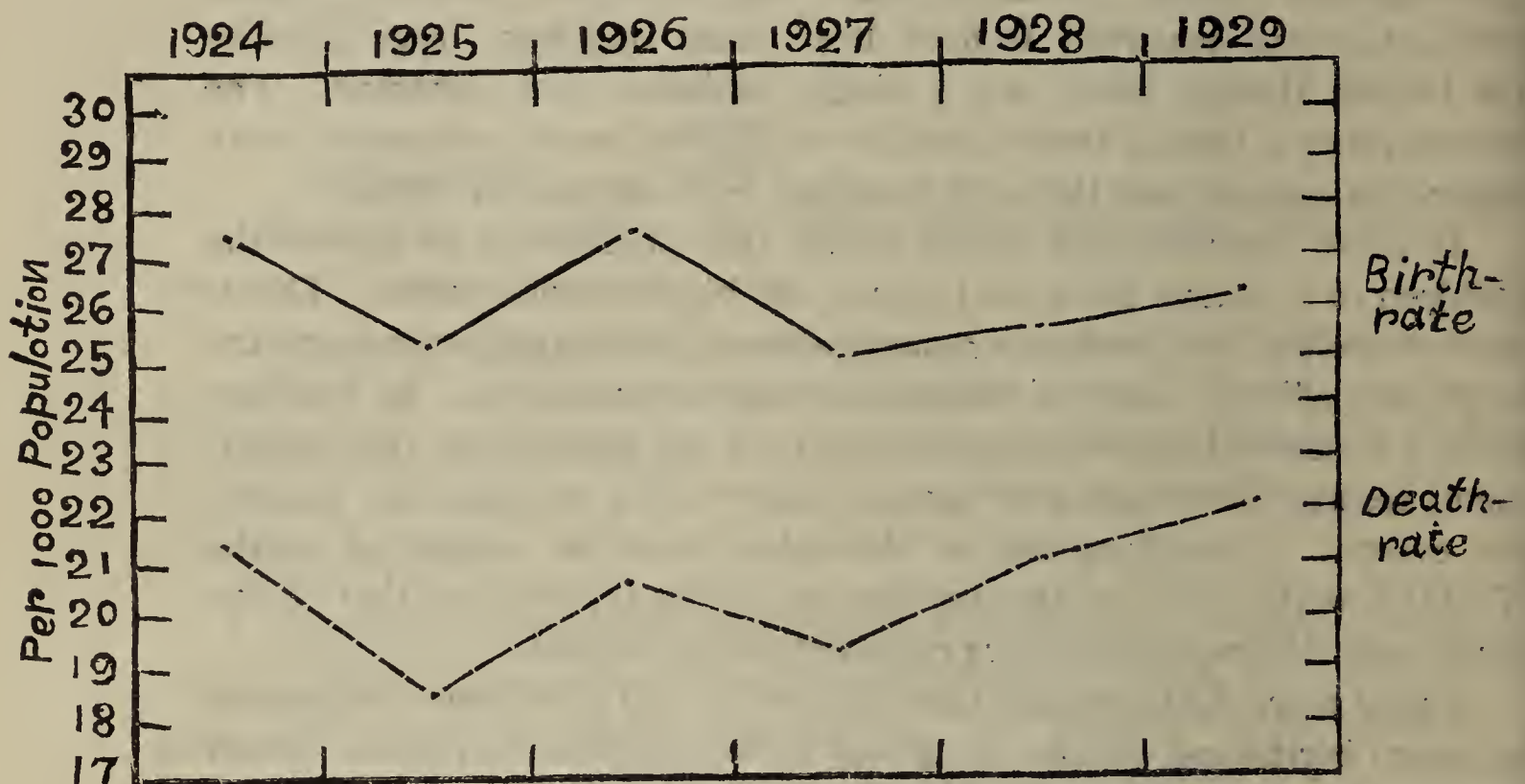
**7. Registration of Vital Statistics in Backward Areas.**—The tally system, using coloured sticks and notched bamboo splits, has been in force in the backward areas during the year. Except in the Pakôkku Hill Tracts, the results obtained are not so satisfactory as last year. In the Northern Shan States birth and death registration in the Shan language has been started in the larger villages of Hsipaw and Tawngpeng States. In the Salween, Bhamo, Myitkyina, Katha and Upper Chindwin Districts, the rates obtained are very unsatisfactory. For example in the Myoma quarter of Mogôk village 110 births were attended by the results-system midwife, but the headman has recorded only 49 births. For the districts whose registration system is not sufficiently correct for returns to be included in the main statement, the figures are published in Statement II (a).

## 8. Provincial Birth, Death and Infant Mortality Rates.—

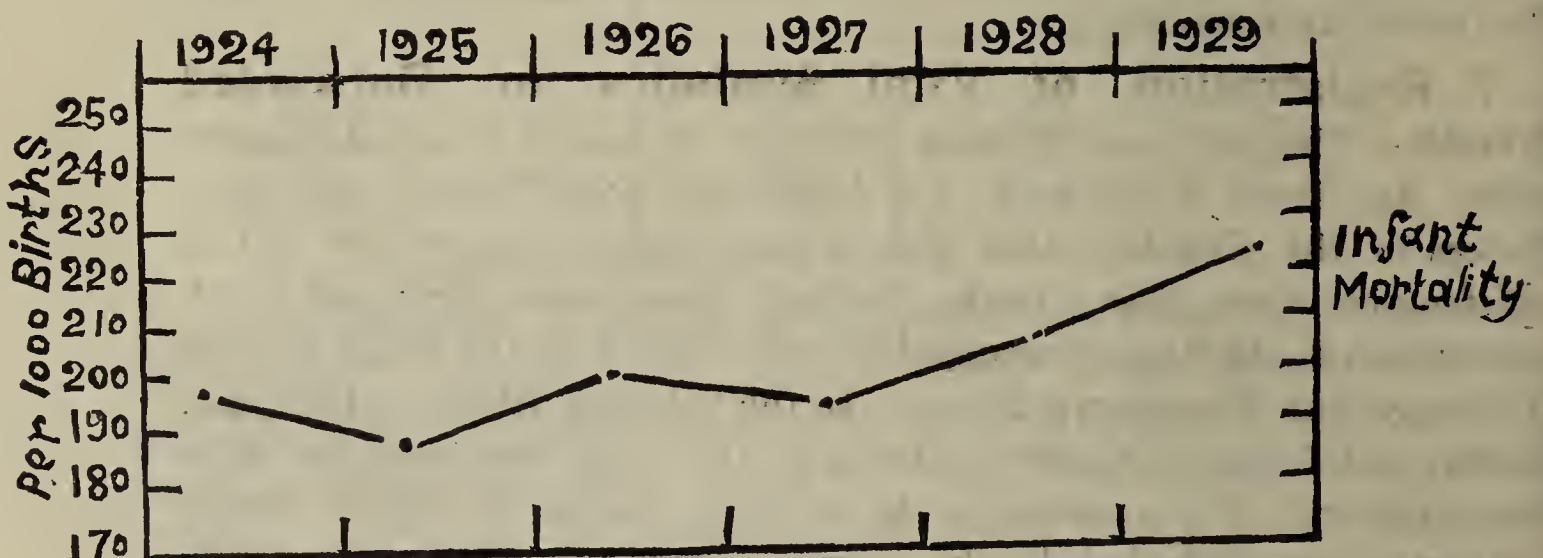
|                      | 1929 | Rural. | Urban. | Provincial. |
|----------------------|------|--------|--------|-------------|
| Birth ...            |      | 25.75  | 31.60  | 26.43       |
| Death ...            |      | 20.02  | 37.59  | 22.06       |
| Infant Mortality ... |      | 213.01 | 306.54 | 225.97      |

Statements  
I, II, IV, IVA,  
VIA, VIB, and  
VIB(a).

The striking similarity in the graphs for Provincial birth and death rates over the last six years, as shown below, appears to indicate that whatever factors cause a fluctuation in one rate similarly affect the other.



The infant mortality rate over the same period shows somewhat similar fluctuations.



The Vital Index of the Province  $\frac{(\text{births} \times 100)}{\text{deaths}} = 119.81$ , compared with 127.10, the mean of the last ten years.

Statement  
VIA.

**9. Birth Rate (Rural).—**The rate for the year (25'75) shows an increase of 0'34 over last year, but a decrease of 0'25 as compared with the five-yearly mean. Out of 16 districts which recorded rates below the provincial mean, 13 are in Lower Burma and 3 in Upper Burma. High rates were recorded in Mergui (41'98), Sandoway (40'93), Tavoy (39'53), Amherst (35'71), Kyaukse (34'41) and Yamèthin (31'04). Considerable improvement in registration over last year is noted in the districts of Mergui, Meiktila, Pegu and Sandoway, and the District Health Officers of these districts are to be congratulated. In Meiktila and Pegu districts, the Deputy Commissioners have taken great interest in birth registration. In Prome on the other hand the Deputy Commissioner remarks: "In spite of greater attention having been given to the registration of vital statistics, the total number of births and deaths recorded show decreases which hardly suggests that there has been any general improvement in the registration." Particularly low rates were recorded from Toungoo (17'27), Thatôn (18'53), Magwe (18'54), Bassein (18'82), Tharrawaddy (20'28), Myingyan (20'79), Myaungmya (21'36), and Kyaukpyu (22'20) districts. In all these districts registration must be very defective, and the matter will be taken up with the Deputy Commissioners and District Health Officers.

**10. General Remarks on the Registration of Vital Statistics.—**As has been repeatedly pointed out to the Local Government, the present system of registration of vital statistics is defective. Until headmen make a habit of visiting each village within their tract once a month, in order to collect the necessary information, and until full-time District Health Officers are appointed for each district, it is difficult to see how there can be much improvement.

The system of transmitting counterfoils by post, tried in Pyapôn last year, may be said to be successful, in that 923 births were recorded during the year, in excess of the number for 1928. The report of the working of the system, promised by the Deputy Commissioner, has not yet been received. From the annual report of the Shwebo District it is seen that this system is also being tried there. In Meiktila *ywa-gaungs* of distant sub-villages were supplied during the year with birth and death registers in order to improve registration. A proposal has been sent to the Local Government that rewards should be given to the headman in each district, who does the best work in registering vital statistics during the year.

**11. Birth Rate (Urban) (31'60).—**There has been a welcome increase of 2'27 in this year's rate, which I ascribe solely to improvement in registration.

Statement  
VIB.

The highest rates were recorded in Shwebo (61'57), Mandalay (51'40) and Kawkareik (50'25).

*Shwebo* shows an increase of 18·85 over last year's rate. Registration has been defective here for some time, and this year's figure is therefore satisfactory.

*Mandalay* shows as usual a high birth rate associated with a high death rate.

*Kawkareik's* rate has improved by 2·58 this year, but there is still need for further improvement in registration. Thirteen omissions to report births were detected during the year.

*Minhla*, which has appointed its own vaccinator as registrar, shows an improvement of 14·63.

*Pakôkku* has at last wakened up to its defective registration, following a visit by the Director of Public Health in July at which numerous omissions were detected. Its rate has improved by 13·13.

*Gyobingauk* shows an improvement of 12·13, but has not yet adopted the Model Bye-laws for the Registration of Births and Deaths, which the Committee promised to adopt a year ago.

In *Nyaunglebin* and *Thayetmyo*, following upon the appointment of full-time Health Officers, a marked improvement in registration of births has occurred, the birth rate rising this year by 12·01 and 9·29 respectively.

In *Meiktila* there has been a pleasing improvement in registration of births, but in *Myingyan* a similar improvement has been offset by an increase in the death rate.

A number of towns again report absurdly low birth rates.

*Chauk* (12·28).—The District Health Officer notes that the statistics are unreliable. No reply has yet been received to this department's enquiries as to what steps the Committee propose to take to improve registration.

In *Kamayut* (16·66) the Model Bye-laws have been adopted and will soon be in operation.

*Akyab* (17·80) shows an improvement of 2·87 over last year. The Health Officer draws attention to the abnormal constitution of the population, which probably explains a good deal. The 1931 census will give him definite data to go upon.

In *Paungdè* (18·16) defective registration has been a serious factor and the town is so insanitary that serious Government action should be considered.

In *Nyaung-u* (21·14) a sudden fall in both birth and death rates suggests slackness in registration, which requires looking into.

*Kyaikto* (22·04) continues highly defective in registration, and as the Committee appear unable or unwilling to improve matters, the Commissioner has been addressed on the subject.

Forty-six towns out of 71 have hitherto adopted the Model Bye-laws for Registration of Births and Deaths.

**12. Stillbirths.**—There were 2,508 stillbirths in urban, and 846 in rural areas, giving a ratio of 6·33 and 0·34 per hundred live births respectively.

*Maternal Deaths.*—There were 434 deaths from child birth in towns during the year, as compared with 454 in 1928. The ratio is 10·96 per 1,000 registered births as compared with 12·35 last year. The highest rates were recorded in Pyapôn (41·03), Zigôn (36·59), Minbya (34·48), Moulmeingyun (33·52), Pyinmana (31·67), Pegu (28·36) and Myanaung (28·11). Statement VI  
B(a).

**13. Death Rate (Rural).**—The figure this year (20·02) shows an increase of 1·20 over last year, and 1·77 over the five-year mean. High rates were recorded in the following districts :— Statement  
VIA.

|                |     |       |          |     |       |
|----------------|-----|-------|----------|-----|-------|
| Kyaukse        | ... | 43·64 | Pakôkku  | ... | 24·69 |
| Shwebo         | ... | 33·20 | Mandalay | ... | 24·32 |
| Sagaing        | ... | 32·71 | Meiktila | ... | 23·42 |
| Minbu          | ... | 31·90 | Yamethin | ... | 23·01 |
| Lower Chindwin | ... | 31·51 |          |     |       |

In *Kyaukse* this year's rate is the highest since 1920, and is apparently accounted for by a severe epidemic of cholera, and an increase under fever. In *Shwebo* malaria was unusually prevalent. The same applies to *Sagaing* where there was also cholera. Cholera and fever account for part of the high rate in *Minbu*, *Lower Chindwin* and *Pakôkku*. In *Mandalay* the high rate was largely due to an increase under fevers, dysentery, and diarrhoea. In *Meiktila* and *Sandoway* there is reason for thinking that part of the increase was due to better registration, while in *Yamethin* there was a high death rate from fever.

Very low rates were returned from Thatôn (10·85), Toungoo (12·31), Bassein (13·27), Tharrawaddy (14·16), Myaungmya (14·55) and Henzada (14·60). In all these districts it is believed that registration of deaths is defective.

**14. Death Rate (Urban) (37·59).**—There is an improvement of 2·49 below the rate for 1928, but the figure is higher than the five years' mean (37·10). Statement  
VIB.

The following 12 towns return rates over 50 :—

Salin (76·97), Moulmeingyun (66·07), Sagaing (65·53), Taung-dwingyi (60·89), Myingyan (60·32), Myaungmya (58·92), Môngywa (58·43), Kyaiklat (55·62), Pakôkku (53·72), Mandalay (52·16), Shwebo (51·58), Wakèma (50·79). Chart I.

*Salin* (76·97) exceeds its 1928 rate by 26·49, and its five years' mean by 30·53. Out of a total of 526 deaths, cholera accounts for 102. Its birth rate has also fallen, and health conditions in the town evidently require careful investigation.

*Moulmeingyun* (66·07) exceeds its 1928 rate by 10·31, and its five years' mean by 17·14. Cholera accounts for a rise of 13 deaths, but most of the increase is recorded under "all other causes." An indication of its abnormal population composition is seen in the recorded male deaths of 200 to every 100 female deaths.

*Sagaing* (65·53) has shown a high death rate for the last two years, that for 1928 having been 57·43. The committee cannot be complimented on the state of the public health, and it is high time that the Local Government brought pressure to bear upon them to appoint a Health Officer.

*Taungdwingyi* (60·89) records a high death rate, in spite of the fact that it was practically free from epidemic disease during the year. Deaths from respiratory diseases have doubled since 1926.

In *Myingyan* (60·32) small-pox deaths (259) are responsible for a great part of the increase. This high death rate from small-pox is a slur upon the Committee, and they should unhesitatingly apply for powers to enforce re-vaccination. The urgent need for a Health Officer for this town has been represented to the Local Government.

*Myaungmya* (58·92) has had outbreaks of cholera and plague. The Committee, headed by U Po Lu, appear to be showing commendable energy in tackling health problems.

*Mònywa* (58·43) has a rise of 9·43 over its 1928 death rate, and of 19·12 over the five years' mean. The recorded excess of deaths over births, prevailing for the last three years, has awakened the Committee to the need for action, and it is to be hoped that, under its new President improvements will be made.

*Kyaiklat* (55·62) has figured much in these annual Public Health Reports. It has had outbreaks of cholera, small-pox and plague during the year, and its health conditions are far from satisfactory.

*Wakèma* (50·79) has displayed great energy during the year in public health matters, to which both the President, U Ngwe Gaing, and the Health Officer, Sub-Assistant Surgeon Facquir Chand, have devoted themselves in a praiseworthy manner. It is to be hoped that the results of their work will be shown in an early drop in the death rate.

Exceptionally low death rates have been recorded by Sandoway (17·81), Minhla (19·85), Danubyu (21·59), Nattalin (21·64), Akyab (22·29) and Syriam (23·10).

In Sandoway the accuracy of death registration is open to doubt, as no cemetery caretaker is employed, and the registration bye-laws are faulty.

*Moulmein* (26·04) has recorded its lowest death rate, and its highest birth rate for the last ten years.

*Nyaunglebin* (39·75) shows a remarkable drop of death rate from 62·43 in 1928, and a drop of 11·21 from the five years' mean. The drop follows the introduction of a pipe water supply early in the year,



and is probably partly owing to this and partly to the appointment of a full-time Health Officer in February 1929.

**15. Infant Mortality Rate (Rural).**—The figure (213·01) shows an increase of 20·88 over last year, and of 28·40 over the five years' mean. So many births escape registration in the rural areas that much reliance cannot be placed upon the figure. The rise to my mind suggests a deterioration in birth registration.

Statements  
IV & IVA.

The following districts record exceptionally high rates :—

Shwebo (353·37), Kyauksè (332·41), Lower Chindwin (279·71), Sagaing (267·75), Prome (267·13), Mandalay (266·81).

Excepting Prome, these are all highly malarious districts. In Prome the number of infant deaths is 505 lower than in 1928, but the infant mortality rate rose by 25·94, owing to a drop of 3,125 in the recorded births. The Deputy Commissioner and District Health Officer must take up the question of birth registration seriously during the coming year.

**16. Infant Mortality Rate (Urban).**—The rate (306·54) is an improvement over last year, but is still a few points above the five-years' mean. It compares with a rural rate of 213·01.

Statement  
VIB (a).

The percentage of infant to total deaths was 25·77. Male infant deaths were 117 to 100 females.

Chart I.

High rates were recorded from the following :—

*Taungdwingyi* (628·68).—The rise is very noticeable since the low figure of 345·68 for 1926. The Infant Welfare Society here has unfortunately ceased to exist.

*Mónywa* (540·98) has shown an annual increase since 1926. There is great need for follow-up work by the local child welfare society.

*Myingyan* (507·80).—The figure compares with 447·82 last year. This town is badly in need of a Health Officer and an Infant Welfare Society.

*Pyawbwe* (507·69).—The rate is higher than last year because of the drop in the recorded number of births. Forty-eight omissions to report births were detected.

*Salin* (507·69).—This town has the highest general death rate in the province this year. Births are probably badly reported, and an investigation into local conditions will be carried out.

*Myinmu* (496·30), and *Kyauksè* (475·73) both show a drop in recorded births.

*Kawkarcik* (456·19) is still high though the rate has dropped 66·10 since 1928. More careful checking of births is now being carried out, but there is need for a child welfare centre.

*Paungdè* (455·25).—The rate this year is 71·97 higher than 1928. General sanitation is bad, and registration evidently defective

Other towns recording excessively high rates are *Maubin* (440·41), *Moulmeingyun* (435·75), *Myitnge* (413·33),—mainly owing to the high proportion of male labourers in the railway town—and *Sagaing* (407·24), a town where inadequate attention is paid to public health..

The towns recording the lowest rates are *Minhla* (58·39), a small town showing a rise of births from 81 to 137, and a drop in deaths from 13 to 8, *Nattalin* (100·84), *Pyu* (131·82), and *Sadoway* (138·21).

**17. Voluntary Child Welfare Societies.**—(1) The *Rangoon* Maternity and Child Welfare Society continued to do maternity work only during the year, 1,223 confinements being conducted in its shelters, compared with 891 in 1928. The practice of attending confinements in private houses was discontinued. Of the confinements 48·54 per cent. were Burmese. The post of Lady Medical Officer was abolished and a matron superintendent engaged instead.

A Baby Welcome is being organised in Kemmendine, Rangoon, by the National Council of Women in Burma, financed by the Burma Branch of the Indian Red Cross Society. This is to be conducted as an Infant Welfare Centre. A nurse is employed, who is doing routine visiting of children in the homes.

(2) The Maternity and Infant Welfare Society, *Mandalay*, continues to do maternity work in the homes, and this work is slowly increasing. Eight midwives and a superintendent are employed, and 658 confinements were attended. A serious effort is being made by this society to follow up the babies for the first few months of life.

(3) The *Moulmein* Society for the Prevention of Infantile Mortality continues to do mainly maternity work. Four midwives are employed, who attend confinement cases in the homes, 49 per cent. of the births in the town being attended by them. The children are followed up to a small extent by the Honorary Visitors.

(4) The *Bassein* Infant Welfare Society (a new society) commenced work in September. A midwife is employed to attend confinement cases, and also to follow up and re-visit all the infants in her area.

(5) The Lady Innes Maternity and Child Welfare Centre, *Maymyo*, is working on true infant welfare lines, and has had a successful year's work. A qualified Health Visitor is employed, who pays regular home visits to infants, young children, and expectant mothers. Infant clinics are held at the centre, to which babies are brought for weighing and advice. During the year, 4,221 home visits were paid, and there were 2,554 attendances at the centre. An effort has been made to educate indigenous midwives by the giving of lantern lectures, etc., on the hygiene of parturition, to which the midwives of the town are encouraged to come for instruction.

(6) The Child Welfare Society, *Mónywa*, employs a nurse who visits infants and young children in their homes. Minor ailments are treated at the Society's clinic.

(7) The Maternity and Infant Welfare Society, *Prome*, employs a midwife and runs a clinic for ante-natal and gynæcological work.

(8) The Society at *Thatón* employs a midwife who does maternity work.

(9) The Infant Welfare Societies at *Sagaing*, *Shwebo*, *Thayetmyo*, *Thóngwa*, *Magwe*, *Maubin*, *Tharrawaddy* and *Akyab* confined their activities to taking an interest in the work of the result-system midwives or of the maternity wards, and have arranged for voluntary visitors to visit in the town.

The Societies at *Kyaukse* and *Sadoway* have given away a certain amount of food and clothing, but have had no other activities, while those at *Mergui*, *Myaungmya*, *Taungdwingyi*, *Pyawbwe*, *Pyinmana*, *Yamèthin*, *Henzada* and *Katha* did not function during the year.

New societies were formed during the year at *Pegu* and *Bhamo*, but no report on their work has been received.

On account of financial stringency the proposed organisation of a Training Class for Health Visitors, referred to in last year's report, was not proceeded with. The Burma Branch of the Indian Red Cross Society offered to engage a worker from England if the Local Government would pay half the salary and expenses. This the Local Government agreed to. Miss N. K. Ross was appointed and arrived in Rangoon in December, and is now working under the technical direction of the Director of Public Health.

## SECTION VI.

## HISTORY OF CHIEF DISEASES.

18. The following statement shows the comparative mortality from the chief diseases in 1929 and the mean of the previous five years:—

Statements II, VIA & VIB.

| Disease.                | Urban.               |       | Rural.               |       | Combined.            |       |
|-------------------------|----------------------|-------|----------------------|-------|----------------------|-------|
|                         | Five years' average. | 1929. | Five years' average. | 1929. | Five years' average. | 1929. |
| (1)                     | (2)                  | (3)   | (4)                  | (5)   | (6)                  | (7)   |
| Cholera ...             | 0·97                 | 1·14  | 0·46                 | 0·68  | 0·52                 | 0·74  |
| Small-pox ...           | 0·66                 | 0·39  | 0·19                 | 0·14  | 0·24                 | 0·17  |
| Plague ...              | 2·38                 | 0·93  | 0·13                 | 0·07  | 0·39                 | 0·17  |
| Fevers ...              | 4·53                 | 4·70  | 7·11                 | 7·59  | 6·82                 | 7·26  |
| Dysentery and Diarrhœa. | 2·64                 | 2·46  | 0·56                 | 0·56  | 0·80                 | 0·78  |
| Respiratory Diseases    | 7·16                 | 7·35  | 0·26                 | 0·32  | 1·05                 | 1·14  |
| Injuries ...            | ·91                  | 0·89  | 0·32                 | 0·29  | ·38                  | 0·36  |
| All other causes ...    | 17·84                | 19·75 | 9·22                 | 10·35 | 10·20                | 11·44 |
| Total ...               | 37·10                | 37·59 | 18·25                | 20·02 | 20·41                | 22·06 |

Statements II  
and VII.  
Chart III.

**19. Cholera (Provincial).**—The death rate was 0·74, compared with the five years' mean of 0·52. The mortality was the heaviest since 1924.

The divisional distribution is interesting, and the following table gives the cholera death rates by divisions for 1929, and the mean of the previous five years :—

| Division.         | 1929. | Five years. |
|-------------------|-------|-------------|
| Arakan ... ..     | 1·04  | 0·81        |
| Irrawaddy ... ..  | 1·28  | 0·69        |
| Sagaing ... ..    | 1·24  | 0·40        |
| Mandalay ... ..   | 0·70  | 0·60        |
| Magwe ... ..      | 0·69  | 0·62        |
| Pegu ... ..       | 0·25  | 0·39        |
| Tenasserim ... .. | 0·32  | 0·22        |

The districts of Tavoy and Mergui were unaffected as has been the case for some years. Communications in these districts are poor, there being no railway and few roads.

The disease carried over the cold weather into January, and as usual reached its climax in April. Generally speaking Lower Burma districts were mainly affected in the first half of the year, and Upper Burma districts in the second half. This annual feature indicates to my mind, not a natural tendency for cholera to spread up against the current of a stream as has been suggested, but that this disease is introduced at seaports and spreads from the points of introduction.

Statement  
VIA.  
Chart II.

**20. Cholera (Rural).**—The rate (0·68) compares with a five years' mean of 0·46, and was the highest since the epidemic of 1919, when the rate was 1·28.

The following districts were the most heavily affected :—

*Kyaukse* (2·50).—This local focus was heavily infected. The district is a network of canals along which the infection apparently spreads. The protection of drinking water supplies should be the principal objective of the District Council.

*Sagaing* (2·37).—Here the riverine tracts were principally affected during the months of June, July and August.

*Pyawon* (1·62).—The disease breaks out every year in this district in the dry weather, and disappears when the rains are fully established. Infection apparently spreads along the river banks.

*Akyab* (1·43).—Disastrous floods in this district stimulated anti-cholera inoculation, which probably accounted for a lower incidence than in 1928. In all, 21,252 inoculations were carried out, reflecting great credit upon the District Health Staff.

*Minbu* (1·40).—Here the disease carried over the cold weather, and infection became severe in Salin Circle and spread to Pwinbyu.

*Bassein* (1'23).—The disease was severe in March, April and May. Bassein East and Yegyí townships were heavily infected, and many attacks were evidently not reported.

*Maubin* (1'09).—The disease was epidemic from February to April, and again in November and December. The District Council is to be congratulated on starting a scheme of improvement of village water supplies. Samples of river water from Pantanaw were found on bacteriological examination to be infected.

*Lower Chindwin* (0'94).—A severe outbreak in the latter part of 1928 carried on into 1929, and a second outbreak occurred from August to November. The riverine tracts were most heavily affected. Inoculation was energetically carried out, 13,772 persons being protected.

*Mandalay* (0'83).—The Madaya township, a fruit growing area, was principally affected, the infection spreading along the Shweta-chaung canal. Inoculation suppressed the disease wherever it was widely used.

*Infection from Indian Immigrants*.—Evidence is slowly accumulating that in many of the cholera outbreaks in Burma infection is introduced by immigrants from endemic centres in India. Cholera outbreaks in the Akyab District usually originate among recent arrivals from Chittagong. Last year an outbreak in the Northern Shan States was traced to a gang of Ooriya coolies. This year cholera in the Thatôn District originated among the coolies of a Survey of India Party working in the Pa-an and Hlaingbwe townships. The tendency of cholera to occur first, at or near seaports, and to spread inland from there suggests imported infection.

**21. Cholera (Urban)**.—The death rate was 1'14 compared with 1'19 for 1928, and 0'97, the mean of the last five years. Forty-five towns were affected.

Statement  
VIB.  
Chart II.

*Salin* (14'93).—The last severe epidemic in this town was in 1924, when there were 84 deaths, compared with 102 this year. This year's epidemic lasted from August to November. Out of a total population of 6,834 persons, 2,373 were inoculated. The town still depends on shallow wells. A piped water supply scheme is under contemplation, and the first duty of the Municipal Committee is to push on with this.

*Moulmeingyun* (12'92).—Cholera is an annual visitor in this town, though this year's outbreak was exceptionally severe. Infection is from river water. A new water supply scheme is now in hand.

*Myaungmya* (7'64).—The Committee has sunk a number of 2" tube wells in the town, and the effect will be watched with interest.

*Kyaiklat* (7'16).—In spite of a protected piped water supply this town is infected annually, owing to the extensive use of river water. Improvements to the water supply are under consideration, and should be carried out without delay.

*Yandoon* (6·74), *Kyônpyaw* (6·10) and *Wakèma* (5·80) are all riverine towns infected every year. In *Kyônpyaw* the water supply is particularly bad, and the Municipal Committee appears to have done little or nothing to improve it. In *Wakèma* a serious attempt is being made to improve conditions in the town.

*Bassein* (4·96).—The Municipal Committee has agreed to accept the distribution scheme from the *Kanthonzin* tube well, and detailed plans and estimates have been prepared.

*Maubin* (3·52) has a good safe piped water supply, but cholera tends to break out every year among persons using river water. Strong measures should be taken by the Committee to prohibit the use of river water in the town, and notices to this effect should be put up on the river bank, and the area patrolled during the cholera season. The same remarks apply to *Kyaiklat*.

**22. Anti-cholera Inoculations.**—In *Municipalities* a total of 46,807 inoculations have been carried out, as compared with 47,030 in 1928.

In *Rural areas* there has been a falling off in the number of inoculations performed, *viz.* 127,994 in the current year, compared with 139,405 in 1928. As pointed out elsewhere, over 21,252 inoculations have been performed in the *Akyab* district, and the other districts where inoculations on a large scale have been performed are :—*Bassein* (14,548), *Lower Chindwin* (13,772), *Meiktila* (9,094), *Pyapôn* (7,665), *Henzada* (7,370). In *Mandalay* town 7,666 inoculations have been performed. In *Paletwa* Dr. *Ramachandra* carried out good inoculation work, and helped to prevent the introduction of cholera from the *Akyab* district. The table in the margin shows the total number of inoculations against cholera carried out in the province year by year since this measure was introduced.

| Year.    | Provincial death rate on account of cholera. | Number of anti-cholera inoculations. |
|----------|--|--------------------------------------|
| 1924 ... | 0·75   | 38,368                               |
| 1925 ... | 0·18   | 13,965                               |
| 1926 ... | 0·57   | 44,314                               |
| 1927 ... | 0·42   | 62,467                               |
| 1928 ... | 0·67   | 186,435                              |
| 1929 ... | 0·74   | 174,801                              |

**23. Small-pox (Provincial).**—The death rate for the year (0·17) shows a satisfactory decrease as compared with 0·26 for 1928, and 0·24, the five-year mean. Of the deaths, 3·64 per cent. were among children under one year, and 18·14 per cent. among children over one year but below 10 years. The great majority of deaths, therefore, took place among adolescents and adults. As usual the disease was most prevalent during the hot season.

**24. Small-pox (Rural).**—The death rate (0·14) compares with 0·20 for 1928, and 0·19 the five-year mean. *Tavoy*, *Mergui* and *Minbu* districts were free of infection throughout the year. Of the

Statements II  
and VIII.  
Chart III.

Statement  
VI A.  
Chart II.

remaining 27 districts, Mandalay showed the same rate as last year, 9 districts showed increased rates, and 17 districts showed a decrease. Specially high rates were recorded from the following districts :—

*Akyab* (0·99).—This is the highest figure on record. Kyauktaw township was very severely affected, 174 deaths occurring in the village of Alegyun. Enquiries showed that the early cases were not reported to the District Health Authorities. In this district infection usually follows the immigration of coolies from Chittagong. While the Arakanese come forward readily for vaccination, considerable difficulty is experienced in obtaining efficient results among the Chittagonians. Vaccination of Chittagonians entering Akyab Port by seagoing vessels has been begun, and it is hoped that this will produce a reduction in the incidence of the disease ; but, until the large numbers of Chittagonian coolies entering by the land route are also vaccinated, the reduction can only be partial. The District Council might, with advantage, apply to the Local Government for the Vaccination Law Amendment (Amendment) Act of 1928 to be extended to their district.

*Myingyan* (0·37).—This district was severely affected during the year. It is a district where there is still a good deal of opposition to vaccination, and which suffers periodically in consequence. The importance of extending the Vaccination Acts to this district has been represented strongly to the District Council, and it is expected that compulsory vaccination will shortly be enforced. A good deal of inoculation still goes on in Myingyan District in spite of its legal prohibition, and vigilance is required on the part of District Officers to trace the inoculators.

*Toungoo* (0·35) in spite of a high rate, shows a considerable decrease compared with last year.

*Yamèthin* (0·25) suffered severely during the year as a result of a continuance of the epidemic of 1928 into 1929. In this district also the Vaccination Acts have not yet been extended. The matter is one of the most important before the District Council, for the district is one in which there is a large number of unvaccinated persons.

**25. Small-pox (Urban).**—The year's death rate (0·39) compares with 0·71 in 1928 and 0·66 the five-year mean. Forty-four towns were free from the disease and twenty-seven were affected. High rates were recorded from the following towns :—

In *Myingyan* (13·68), 259 deaths occurred, all the cases being reported as indigenous, and all were among children up to ten years of age. Vaccination in Myingyan town has evidently been seriously neglected for a number of years. I have discussed the question with the Municipal Committee, and impressed upon them their responsibility for enforcing vaccination according to the law of the land. This is a town which should most emphatically adopt the Vaccination Law

Statement  
VI B.  
Chart II.

Amendment (Amendment) Act of 1928, which gives power to re-vaccinate. Owing to the large annual influx of labour to the cotton mills, this power is particularly necessary in Myingyan town.

Act IV of 1928 has been adopted by the following towns, which have framed bye-laws for compulsory re-vaccination:—Rangoon, Thingangyun, Kambe, Syriam, Zigôn, Nyaunglebin, Thônzè, Ngathaingyaung, Moulmeingyun, Myinmu, and Môngywa. This is an important step forward, and it is to be hoped that many other towns will follow suit—Prevention is better than Cure.

**26. Small-pox Cases treated in Hospitals.**—During the year 203 cases of small-pox were treated in Contagious Diseases Hospitals and Isolation Wards. Of these 127 had old marks of vaccination, 24 showed no marks though it was claimed that vaccination had been performed, and 49 were unvaccinated. Ten deaths occurred among the 49 cases showing no vaccination marks, giving a percentage of 20·41, while 8 deaths occurred among the 127 cases showing previous marks of vaccination, giving a percentage of 6·30.

Statements II  
& XII.  
Chart III.

**27. Plague (Provincial).**—The death rate from plague this year (0·17) is the lowest on record since the disease was introduced into Burma in 1905. The rate compares with 0·46 in 1928, and 0·39 the five-yearly mean. The urban rate (0·93) compares with a rural rate of 0·07.

Statement  
VIA.  
Chart II.

**28. Plague (Rural).**—The rate (0·07) is the lowest on record. As usual the Arakan Division and the districts of Tavoy and Mergui were free, but in addition to these Thayetmyo and Pyapôn districts have returned no plague during the year. High rates were recorded from Kyaukse (0·28) and Insein (0·26). In Kyaukse the disease was severe in the first three months of the year. In the Insein district the villages of Taikkyi and Paukkon, which are visited by plague almost every year, were again attacked. In the Shwebo district, U Htun, the Vice-Chairman of the District Council, gave valuable assistance to the health staff in inducing persons to come forward for inoculation. In the Upper Chindwin district, the headman of Pathe village has been removed from his appointment for negligence in reporting cases of plague.

Statement  
VIB.  
Chart II.

**29. Plague (Urban).**—The figure (0·93) is the lowest on record. Out of 71 towns 47 were affected. The mortality was exceptionally heavy in the following towns:—

*Wakèma* (7·58).—Here there were 64 deaths. The bad housing conditions are an important factor, the houses having wooden floors raised in many cases only a few inches above the ground.

*Myanaung* (6·93).—The disease was imported from Henzada. The town is an old and dirty one, and does not even employ a Sanitary Inspector.



*Myaungmya* (6'21).—There were 41 attacks with 39 deaths, the type apparently being exceptionally severe.

*Gyobingauk* (6'13).—This town has been visited by plague every year for the last 16 years.

*Kyaikto* (5'30).—The disease appears to have become epidemic in the town. Response to inoculation was very poor.

In *Mandalay* (1'47), the year was exceptionally free from plague. In this town plague occurs in severe form every second year, a point which is well illustrated in the table given below. The very low figure of 3 deaths during the epidemic season 1928-29 is suggestive of a severe recrudescence of the disease in 1929-30, and this as we know at the time of writing has occurred:—

| Year.   | Deaths. | Year.   | Deaths. |
|---------|---------|---------|---------|
| 1908-09 | 2,775   | 1919-20 | 1,343   |
| 1909-10 | 676     | 1920-21 | 115     |
| 1910-11 | 1,878   | 1921-22 | 1,098   |
| 1911-12 | 107     | 1922-23 | 420     |
| 1913-14 | 1,357   | 1923-24 | 2,411   |
| 1914-15 | 121     | 1924-25 | 174     |
| 1915-16 | 1,948   | 1925-26 | 385     |
| 1916-17 | 33      | 1926-27 | 277     |
| 1917-18 | 2,445   | 1927-28 | 874     |
| 1918-19 | 286     | 1928-29 | 3       |

**30. Anti-plague Measures**—(a) *Rat Destruction*.—The total number of rats destroyed during the year was 706,177 as compared with 888,213 in 1928. In Rangoon Corporation area alone 679,699 rats were killed. No organised rat destruction was carried out in rural areas, but a certain amount was done in the towns of Syriam (5,981), Myaungmya (5,392), Kyaikto (4,047), Moulmein (3,477), Henzada (3,166), Bassein (2,804), Pyapôn (1,212), Maymyo (181), Ngathaingyaung (130) and Wakèma (88).

(b) *Inoculation*.—The following table shows the urban, rural and provincial figures of plague death rate, and the number of inoculations carried out during the last five years:—

| Year. | Urban.      |                         | Rural.      |                         | Provincial. |                         |
|-------|-------------|-------------------------|-------------|-------------------------|-------------|-------------------------|
|       | Death rate. | Number of inoculations. | Death rate. | Number of inoculations. | Death rate. | Number of inoculations. |
| (1)   | (2)         | (3)                     | (4)         | (5)                     | (6)         | (7)                     |
| 1925  | 2'38        | 56,248                  | 0'12        | 25,991                  | 0'38        | 82,239                  |
| 1926  | 1'52        | 31,397                  | 0'11        | 23,582                  | 0'27        | 54,979                  |
| 1927  | 2'00        | 60,235                  | 0'11        | 42,624                  | 0'32        | 102,859                 |
| 1928  | 2'54        | 47,035                  | 0'18        | 54,107                  | 0'46        | 101,142                 |
| 1929  | 0'93        | 35,314                  | 0'07        | 36,007                  | 0'17        | 71,321                  |

Statements II  
and IX.

**31. Fevers.**—The *Provincial* fever death rate (7·26) was the highest since 1923. It forms 32·90 per cent. of the total death rate.

Statement  
VIA.  
Chart V.

The *Rural* fever death rate has been rising since 1925. High rates were recorded from the districts of Shwebo, Minbu, Kyaukse, Tavoy, Thayetmyo, Akyab, Pakôkku, Mergui and Lower Chindwin. All these are highly malarious. The tendency apparently is for the headmen to classify more and more deaths under this group. Fever deaths formed 37·92 per cent. of the total in the rural areas.

Statements  
VIB & VI  
B (a).  
Chart V.

The *Urban* fever death rate is also up this year. It formed 12·50 per cent. of the total. Of the fever deaths 43·03 per cent. were recorded as due to malaria, 8·54 per cent. to enteric, 2·00 per cent. to influenza, 0·59 per cent. to measles, 0·32 per cent. to cerebro-spinal meningitis and the balance 45·51 per cent. to other fevers. Exceptionally high rates from Malaria were recorded from Minbya, Kawkareik, Kyaukse, Shwegyin, Myinmu, Wakèma, Taungdwingyi, Mawlamyaingyun, and Pyawbwe.

It is becoming evident that enteric fever is of more common occurrence than the statistics indicate. Mention was made in last year's report of its widespread prevalence in Mandalay Town. There can be little doubt that improved methods of diagnosis would reveal much enteric in other towns which at present remains undifferentiated.

**32. Cinchona Febrifuge Tablets.**—These are manufactured by the Jail Department, and sold to the public at a rate of Rs. 1-8-0 per packet. During the year 3,341,500 tablets were sold, compared with 3,370,800 in 1928, and 4,101,100 in 1927. A heavy decrease in sale was noted in the following districts:—Bhamo, Tharrawaddy, Toungoo, Bassein, Sandoway, Mergui, Amherst, Kyaukpyu. The Deputy Commissioners of these districts are being asked to investigate the reasons for the decrease in sale.

Free distribution was made in ten districts :—

|                | Tablets.            |
|----------------|---------------------|
| Katha ...      | 277,600             |
| Akyab ...      | 213,400             |
| Kyaukse ...    | 100,000             |
| Chin Hills ... | 84,000              |
| Minbu ...      | 28,400              |
| Myitkyina ...  | 14,000              |
| Thayetmyo ...  | 12,200              |
| Mergui ...     | 4,200               |
| Amherst ...    | 4,000               |
| Prome ...      | 2,000               |
| Total ...      | <hr/> 739,800 <hr/> |

This is the third year of free distribution in Katha district, and the second year in Kyaukse district, and this is now to be stopped in order to ascertain to what extent a genuine demand exists.

The average consumption of cinchona febrifuge has declined from 1·49 grains per head in 1927 to 1·01 grains in 1929. It is proposed to issue a Hygiene Publicity pamphlet, emphasising the value of cinchona febrifuge in the treatment of malaria, and calling attention to the fact that it is on sale to the public at cost price.

**33. Dysentery and Diarrhoea.** *Provincial.*—The death rate (0·78) is lower than usual. The largest number of deaths occurred in July and August; the three months, June to August, being the dysentery season over the greater part of Burma. Statements II and X.

*Rural.*—The rate of 0·56 is the same as the five-year mean. The highest death-rates were recorded from Pakôkku (1·04), Pyapôn (0·92), Meiktila (0·87), Lower Chindwin (0·86), Tavoy (0·80), Shwebo (0·76), Maubin (0·71), Kyaukpyu (0·70), Akyab (0·69), Tharrawaddy (0·67) and Bassein (0·66). Statement VIA. Chart V.

*Urban.*—Here also there was a decrease in the death rate (2·46), which was below the figure of the last five years (2·64). The highest rates were recorded from the following towns:—Kyaiklat (7·37), Myaungmya (6·05), Pyapôn (5·80), Moulmeingyun (5·72), Shwegyin (5·21), Pegu (4·90), Pyawbwe (4·89), Kyangin (4·53), Wakèma (4·03), Thatôn (3·91), Toungoo (3·88) and Myitnge (3·78). Statements VIA & VIB (a). Charts IV and V.

Most of these are towns whose general sanitary conditions leave much to be desired.

**34. Respiratory Diseases.** *Provincial.*—The year's death rate (1·14) shows an increase of 0·01 compared with last year, and 0·09, the quinquennial mean. The greatest number of deaths occurred in the month of July. For every 100 females 139 males died. Statements II and XI.

*Rural.*—Here also the death rate (0·32) shows an increase over last year's rate (0·04) and over the five-year mean (0·06). The rate has been steadily rising since 1925 when it was (0·22). The highest rates are recorded from the following districts:—Akyab (0·97), Tavoy (0·92), Mergui (0·88), Maubin (0·84), Amherst (0·71), Bassein (0·70). It is interesting to note that all these districts, with the exception of Maubin, border on the seacoast, while Maubin lies very close to the sea. Statement VIA. Chart V.

*Urban.*—The rate (7·35) is lower than that of 1928, but higher than the five-year mean. The urban death rate from respiratory diseases is 23 times that of the rural. In the 47 towns of Lower Burma, the percentage of total deaths caused by respiratory diseases is approximately 20 while the corresponding figure for the 24 Upper Burma towns is 18. Statements VIB, VIB (a) Chart V.

Out of a total of 9,208 deaths, 2,197, *i.e.* 23·86 per cent. were due to *pulmonary tuberculosis*. The highest rates for this disease were recorded from Yenangyaung (6·31), Myaungmya (3·82), Letpadan (3·64), Prome (3·41), Toungoo (3·21), Meiktila (2·93), Thatôn (2·78) and

Yandoon (2'68). The death rate from pulmonary tuberculosis has been increasing year by year up to 1928. In 1920 it was (1'13), in 1928 it was (1'64) and in 1929 it was 1'75.

**35. Tuberculosis Mortality in Upper and Lower Burma.**—Taking the means of the deaths from tuberculosis in the towns of Upper and Lower Burma, over the last ten years, it is found that the death-rate is much lower in Upper Burma than in Lower Burma. The actual figures, expressed as a percentage of the total deaths, are 2'9 per cent. for Upper Burma, and 5'2 per cent. for Lower Burma. In this striking contrast climate may play a part, but the greater density of population, with more unhealthy housing conditions prevailing in the towns of Lower Burma, is in my opinion an important factor.

Statement VI  
B (a).

**36. Beri-beri. Urban.**—The death rate of 0'31 shows a decrease of 0'04 from 1928, but compares with 0'23 for the five-year mean.

The disease has now been made notifiable in all towns, so that fuller statistics should be available in future.

Deaths were recorded from 30 out of 71 towns.

*Rangoon Town* returned 128 out of 387 deaths from the province. Of these 128 deaths, 97 were Hindus and only 7 Buddhists.

In *Akyab Town* 38 deaths occurred, principally among Buddhists. House-to-house inspection was made in the affected quarter and a good deal of preventive propaganda done by the Health Officer.

*Bassein Town* reported 29 deaths, mainly immigrant coolies.

In *Kyaiklat Town* 17 deaths occurred, all among Indian coolies using highly milled rice.

*Rural.*—We have no accurate figures from districts.

*Cheduba Island.*—A severe outbreak of the disease occurring in this isolated island during the rains was only recognised at a late stage. Among a population of 32,521, there were 1650 attacks with 188 deaths. The disease apparently is well known to the people, but this year's outbreak was exceptionally severe. The evidence is in favour of the causation being diet deficiency, and propaganda on the cause and prevention of the disease is being carried out among the villagers.

*Pyawôñ District* reports many cases among Indian coolies living on milled rice.

In *Mergui District* also the disease occurred among the labour forces on mines and estates.

**37. Goitre.**—The disease is reported from the same districts as usual ; particularly from Namhsan, Kutkai and Hsenwi in the Northern Shan States, from the Southern Shan States east of the Salween River, from the Mogôk Subdivision, from the north of Bhamo district, and from the Kalewa township of the Upper Chindwin. In several of these areas iodine is being used as a prophylactic.

38. **Yaws.**—No special survey has been carried out this year.

From the *Mergui* district reports continued to come in as to the prevalence of the disease in the Victoria Point Subdivision. A few cases were also found in the Mergui, Bokpyin and Tenasserim townships. Special attention has been directed to the treatment of yaws during the past three years, following on the survey carried out in this area by the Public Health Department. The treatment is appreciated by the people and is becoming popular. This disease in the Mergui district occurs almost exclusively among the poorer people, and particularly among the Malays and Salons whose general habits are insanitary.

In the *Upper Chindwin* the disease is common, and has been recognised all over the district. In the *Kyaukse* district 15 cases were reported at Dayegaung village, and were treated by the Epidemic Sub-Assistant Surgeon. In the *Chin Hills* many patients are coming in for treatment since the survey, and particularly in the Haka Subdivision. In the *Lower Chindwin* district systematic treatment is being carried out in the Kani Hospital, and the attendance is increasing from year to year.

It is evident that the special attention which has been paid by the Public Health Department to survey work in yaws is bearing fruit.

39. **Leprosy.**—Only the figures for towns are available for the last four years. The provincial urban mortality rate was 0·21 as compared with 0·17 in 1928. Particularly high rates were recorded from Pakôkku (1·03), Minbu (0·93), Pyawbwe (0·85), Salin (0·73), Myinmu (0·69), Magwe (0·51), Taungdwingyi (0·48) and Mandalay (0·45). It is notable that all these towns are in Upper Burma.

Statement  
VIB (a)

During the year a Committee consisting of the Inspector-General of Civil Hospitals, the Director of Public Health, and the Director, Pasteur Institute, was formed to consider the leprosy question in Burma and to advise Government on a policy. The Committee has reported in favour of the Propaganda, Treatment and Survey (P.T.S.) system as advocated by Dr. Muir of Calcutta.

*Lepers entering Burma by Sea.*—Two cases were reported by Commanders of Vessels arriving from the Straits; one was allowed to proceed to Calcutta and the other was sent to the Leper Asylum, Kemmendine. Seventeen other cases were detected by the Port Health Department in 14 vessels coming from Indian ports. Of these 1 came from Chittagong, 3 from Calcutta, 4 from Gopalpore, 1 from Barua, 2 from Bimlipatam, 2 from Calingapatam, 3 from Madras and 1 from Port Blair. All the lepers discovered were in the Port of Rangoon. No powers at present exist to prevent lepers entering Burma by sea from landing in the country. This is a fault in our present Public Health legislation and the matter has been represented to the Local Government.

*Lepers in Jails.*—Returns of lepers in jails for the year 1929 were received from Rangoon, Bassein and Myingyan. In these three jails,

24 lepers remained from the previous year and 29 were newly admitted. Of the total number of 53 lepers 29 were discharged, 8 transferred to other jails, 2 died and 14 remained at the end of the year.

**40. Venereal Diseases.**—We have no statistics of incidence for the whole Province, but a few notes on the question are of interest.

Venereal Disease Clinics have been opened at 26 centres in the Province, and the Burma Suppression of Brothels Act has up to date been extended to 46 towns.

In *Akyab Town* an early treatment room was opened as an experimental measure near the danger quarter.

In *Syriam Town* free treatment is being given at the Civil Hospital, but the attendances are disappointing.

*Pakôkku Town* shows an increase of cases attending the Venereal Disease Clinic, from 456 in 1928, to 718 in 1929.

In *Mergui Town* difficulty is experienced in persuading patients to remain long enough under treatment.

The Report of the Delegation of the British Hygiene Council was published during the year.

**41. Rabies.**—The death rate was 0·02 compared with 0·03 for 1928, and 0·02 for the previous five years. At the Pasteur Institute 1,073 persons received preventive treatment compared with 1,088 in 1928. A few particulars are available from towns.

In *Akyab*, 681 stray dogs were destroyed compared with 1,326 in 1928. The reduction in number is due to the dog poisoner ceasing work.

In *Moulmein*, 5,883 stray dogs were disposed of, and 19 cases of dog bite were sent to the Pasteur Institute.

In *Myaungmya*, rabies kept occurring throughout the year. Opposition by Buddhists to destroying stray dogs prevented the disease from being controlled. Many dogs and one bull developed rabies, and the hydrophobia menace continues.

In *Maymyo*, one fatal case occurred at the Civil Hospital, and 5 cases were sent to the Pasteur Institute. Destruction of stray dogs is being carried out.

In *Shwebo*, twelve persons were bitten and sent to the Pasteur Institute, after which 437 dogs were destroyed.

In *Toungoo*, the municipal committee through their opposition to the destruction of stray dogs incur responsibility for 20 persons being bitten by mad dogs. It is difficult to reconcile their attitude towards the stray dog question with their responsibility for safeguarding the health of the people.

In *Pyafôn*, *Taunggyi* and *Kalaw*, destruction of stray dogs was carried out.

## SECTION IX.

## CIVIL SANITARY WORKS.

**42. Expenditure on Civil Sanitary Works by Local Bodies.**—Out of a total sum of Rs. 85,73,874 spent during the year Rs. 74,10,583 were spent in towns and Rs. 11,63,291 in rural areas. The percentage of expenditure, by all Local Bodies on Civil Sanitary Works, to income, was 17·88 ; the figure for towns being 23·91 and for districts 6·86. Of the total income from all sources, 4·38 per cent. was spent on water works, 1·37 per cent. on drainage and 6·67 per cent. on conservancy. More detailed information is given in Statement A.

**43. Provincial Public Health Board.**—The Board held three meetings during the year, and considered twenty-five projects. A new condition was imposed on all new projects, that work should be commenced within three months of receipt of a contribution from the Board.

The definition of "Sanitary Project", was altered and now reads as follows :—

"Sanitary Project", and "Sanitary Work", include all projects and works—

- (1) for the collection, storage, protection, purification, supply distribution and regulation of water for public and domestic purposes ;
- (2) for the collection and disposal of sewage, offensive matter, and garbage, and for surface drainage ;
- (3) for the construction and improvement of markets, bathing places, dhoby-ghats, slaughter-houses, and public latrines and urinals, and for works subsidiary thereto ;
- (4) for experimental investigation of sanitary appliances or works ;
- (5) for any other scheme for the improvement of public health, which the Provincial Public Health Board with the assent of the Local Government in the Finance Department, may rule to be a sanitary project or sanitary work.

**44. Water Supplies—Urban. Henzada.**—In this large town of nearly 24,000 people, the water supply is still from surface wells and the river. A scheme for a protected water supply is under consideration by the Water and Sewerage Engineer. A dangerous tank of stagnant water near the market was reclaimed during the year.

*Kyaikto.*—Here also the water supply is very bad and a scheme for a new supply is under consideration.

*Yamèthin.*—During the year Government asked the Municipal Committee to accept the Kadaung water supply scheme, but the Committee has so far declined owing to the high cost involved. The matter is still the subject of correspondence.

*Toungoo.*—In this town of nearly 20,000 population, water supply is still solely from shallow wells. Though there is an excess of deaths over births, the Municipality has not yet awakened to the necessity for a pure water supply and to their responsibility for leading public opinion in this respect.

*Bassein.*—The Municipal Committee has decided to distribute the water from the Kanthonzin tube well. The estimates have been prepared by the water and Sewerage Engineer, and it is to be hoped that a beginning will at last be made with this much delayed project.

*Moulmeingyun.*—A grant of Rs. 1,33,266 by Government towards the cost of a water supply scheme has now been made and the work will be started shortly.

*Kyaiklat.*—The committee has allotted Rs. 35,000 in the current year's budget towards the improvement of their piped water supply, and have also agreed to impose a water tax of Rs. 3 per cent. on the annual rental value of buildings.

*Salin.*—Here also the source of drinking water is from shallow wells. An experimental tube well has been sunk and a detailed scheme is under preparation.

*Akyab.*—The project for renewing the distribution system has been completed, and Government is awaiting submission of the final estimate.

*Minbu.*—The reservoirs have been repaired at the cost of Rs. 3,836-10-0. The bank of the Sawbet Chaung, from which the water supply is obtained, was seriously eroded during the year, and repairs to this are being carried out.

*Prome.*—A tube well scheme has been drawn up and sent to the Municipality.

*Paungdè.*—A preliminary survey for a water supply scheme is in progress.

*Mergui.*—A scheme for a pipe water supply here is slowly progressing. The project awaits consideration by the Government Geologist.

*Tharrawaddy.*—Work to improve the water supply is in hand.

*Pyapôn.*—Seven tanks out of 12 have now been completed, and should be ready for use in 1930.

*Minhla.*—Two tube wells have been sunk and proved defective. It is proposed to sink a third.

*Thingangyun.*—A tube well has been sunk here with the aid of a Government grant, and a distribution scheme is under preparation.

*Magwe.*—The water supply scheme is almost completed, but the pumping station still remains.

*Nyaunglebin.*—The new water supply was opened on the first week of March.

*Yenangyaung.*—The new water supply has been opened although some trouble has been experienced in securing a sufficient supply.



*Syriam*.—A new scheme of water supply for the whole town is under consideration.

*Rural. Pyawôn District*.—Rs. 38,773 was sanctioned for the construction of 14 new tanks but only four have been completed and one improved during the year under report.

*Maubin District*.—The Council has in hand a comprehensive scheme for providing each large village with a suitable protected tank for drinking water supply. Twenty-one tanks were under construction during the year.

**45. Conservancy**.—During the year the Municipalities of Wakèma, Insein and Pyinmana adopted motor removal of refuse. Proposals are on foot to introduce the same system in Kyaukse, Mandalay, Maymyo and Maubin.

In *Toungoo*, refuse removal by motor lorries was discontinued from the 1st September. It is alleged that the system was unsatisfactory and the cost of maintenance high. The contract system of removal by bullock carts has been reverted to. This large town has no Health Officer, and it is probable that the system of removal by motor lorry under the control of the Municipality was not properly supervised. It is the general experience of Municipalities, that refuse removal by motor lorry is more rapid, more efficient, and on the whole more economical, than by bullock transport.

In *Danibyn* town, it has been decided to give up the contract system of removal of excreta and carry out the work departmentally. This is a step in the right direction.

In *Mandalay* also a beginning has been made to abandon the contract system. As noted in previous reports, wherever this system is used, abuses are likely to be found.

The *Moulmein* Municipality have decided to extend the area in which municipal removal of excreta will be carried out.

The *Wakèma* Municipality have made good progress in establishing a double bucket system. The President and the Health Officer have done exceptionally good work in improving the conservancy of the town.

In *Pakôkku*, difficulties have been experienced owing to a reduction in the number of sweepers. This town has not yet engaged a Public Health Inspector.

In *Paungdè*, only about a fourth of the area is being conserved by the Municipality, but this town is a notoriously dirty one.

In *Myaungmya*, the introduction of the double bucket system is under consideration.

**46. Anti-Malaria Operations**.—The following surveys were carried out during the year :—

- (1) A complete survey of Madaya town and the surrounding villages.

- (2) A short survey of Htonbo village in the Mandalay district.
- (3) A short survey of Nathlwe quarry in the Kyaukse district.
- (4) Preliminary surveys of Hlegu, Taikkyi and Paunggyi in the Insein district.

Anti-mosquito measures have been carried out during the year in the following towns :—

*Akyab.*—Work was continued in filling-in low-lying lands and tanks, and in cleaning and grading the Khamaung and Jalia creeks. It is gratifying to note that, following upon the anti-mosquito measures which have been carried out in Akyab over the last two or three years, there has been a satisfactory drop in the fever death rate, from 6.73 in 1927, to 4.27 in 1928, and 2.98 in 1929. It is too early yet to ascribe this fall entirely to the anti-mosquito measures which have been carried out, but the Health Officer is to be congratulated upon the results achieved.

*Kyaukp̄yu.*—In April a representative Committee was called together at Kyaukp̄yu to concert measures to prevent malaria in the town. A Local Committee has been formed and funds provided which are under the control of the Director of Public Health. Fouling of a large drain which has been breeding heavily is to be tried, by constructing a dumping septic tank at its head. A small malaria laboratory and quarters for a special malaria Sub-Assistant Surgeon are to be erected in the town. A certain amount of land in which paddy cultivation was previously stopped is to be let out again for the purpose, and the proceeds devoted to anti-malaria operations. A low-lying swampy area, which has been breeding heavily is to be flooded with sea water. The results of these measures will not be known until next year, but at last a definite policy has been arrived at and is being carried out.

*Bhamo.*—A special committee to formulate anti-malaria measures for Bhamo met during the year under the Chairmanship of the Director of Public Health. Malaria at Bhamo is caused by *A. phillipinensis*, which breeds almost exclusively in the grassy margins of the Imperial Lake. The Committee recommended keeping the lake free of weeds, and reducing the extent of the margins by lowering the water level. Action is being taken to accomplish this.

*Lashio.*—A good deal of jungle clearing has been carried out in the vicinity of the town, and a certain number of borrow pits filled in ; but it was not found possible during the year to deal with the sub-soil drainage of the ravines, in which most of the breeding occurred. It is hoped that a beginning will be made with these next year.

*Hsipaw.*—A certain amount of anti-malaria work was carried out during the year, mainly in the nature of keeping tanks free of weeds. A programme has now been drawn up for treating the various breeding grounds with Paris Green, and this work should be started early next year.

**47. Visit of the League of Nations Malaria Commission.**—The Commission headed by Professor Shuëffner, paid a short visit to Burma between 22nd November to 30th November 1929. Short though the visit was, it covered a lot of ground. Arriving at Rangoon the party inspected the Provincial Malaria Bureau at the Harcourt Butler Institute of Public Health, and discussed the malaria problems of Burma with the Director of Public Health. On the evening of the 22nd November, accompanied by the Director of Public Health and Dr. Feegrade, Assistant Malariologist, they left Rangoon, visited Htonbo, a characteristic hyper-endemic malarious village in the foothills near Mandalay; and then proceeded to the Northern Shan States, where they studied conditions at Hsipaw, an upland valley problem, and at Lashio, a highly malarious hill station. From Lashio, they returned to Mandalay and went out to Madaya, which is a hyper-endemic, closely settled, riverine fruit-growing area. The visit of the Commission was of the greatest importance to the Public Health Department, and their experienced criticisms and helpful suggestions have proved of the utmost value.

## SECTION X.

### PERSONAL PROCEEDINGS AND GENERAL REMARKS.

**48. Director and Assistant Directors of Public Health.**—Lieutenant-Colonel G. Jolly officiated as Director of Public Health throughout the year. The following officers held the two posts of Assistant Directors: Major Bilderbeck, from 1st January 1929 to 31st March 1929, Dr. J. A. Anklesaria from 1st January 1929 to 31st December 1929, and Dr. Jungalwalla from 13th April 1929 to 31st December 1929. Inspections of the following places were carried out by the Director and Assistant Directors:—

Akyab, Kyaukpyu, Insein, Gyobingauk, Minhla, Nattalin, Nyaunglebin, Paungdè, Thayetmyo, Bassein, Danubyu, Thatôn, Moulmein, Pakôkku, Myinmu, Mandalay, Madaya, Kyaukse, Meiktila, Thazi, Pyinmana, Myingyan, Nyaung U, Yenangyaung, and Minbu.

In December 1929 Lieutenant-Colonel Jolly attended the All-India Conference of Research Workers at Calcutta.

**49. Health Education. A. Rural.**—Publicity work, conducted by District and Assistant District Health Officers, Epidemic Sub-Assistant Surgeons, Public Health Inspectors, Inspectors of Vaccination and Vaccinators in the districts, showed an improvement in comparison with that of last year, and good work was done in the districts of Bassein, Maubin, Shwebo, Katha, Hanthawaddy, Thatôn, Amherst, Mergui, Minbu, Pakôkku, Mandalay, Yamèthin, Bhamo, Sagaing and

in the Southern Shan States. Officers reported to have done a large amount of work are Epidemic Sub-Assistant Surgeon U Khin Maung Gyi, and Public Inspectors U Tun Myine, U Ba Pe, U Tun Pe, U Maung Sein, and Inspector of Vaccination U Po Zan. No publicity work was reported to have been done in the districts of Sandoway, Pegu and Myitkyina.

B. *Urban.*—The Health Officers and staffs of Municipal and Town Committees also carried out propaganda work, and good work was done in Thayetmyo, Meiktila, Pyinmana, Bassein, Môngywa and Bhamo towns. In Thayetmyo, Bassein and Môngywa, excellent work was done by Health Officer Dr. U Tha Saing, Public Health Inspector U Pe Tin, and Health Officer Dr. C. C. Po, respectively. No work is reported to have been done in the towns of Kyaukpyu, Henzada, Yenangyaung, Letpadan, Kamayut, Tavoy, Syriam and Kyaikto.

C. *Hygiene Publicity Bureau.*—Dr. San Hla Aung, M.B., D.P.H., the permanent officer in charge of the Bureau returned from long leave and relieved Dr. U Shwe Ge, L.M.& S., on the 13th March, and when the former was appointed Health Officer, Maymyo Municipality, Dr. U Ba Kin, B.A., M.B., D.P.H., was appointed to the post from the 10th April and held charge till the end of the year.

The Hygiene Publicity Officer conducted publicity work in 27 towns, 19 villages and at 9 schools ; gave lectures on various subjects to audiences numbering about 56,950 ; showed health films 125 times, and distributed about 100,000 copies of pamphlets and cards. Pamphlets on " Care of Children's Teeth " and " Health Habits and Customs " in English and Burmese were printed and added to the Publicity literature, and the pamphlets on " Consumption " and " Alcohol " in Burmese were revised.

A total of 1,090,370 copies of this Department's publications were issued to the public during the year, compared with 1,029,157 in 1928 ; while 301,600 copies were supplied to the Director of Public Instruction for use in schools, compared with 2,346,000 copies last year, which was the year of initial issue. A number of pamphlets were also reproduced in the *Headman's Gazette* and the *Wunthamu* papers. A summary of the publications, issued during the year is given as Appendix E.

The Bureau undertook the translation into Burmese of various pamphlets and articles including " A Guide to Pregnancy," adapted by Major Treston, I.M.S., various articles for the Red Cross, and a Cinematograph Play on Small-pox written by the Director of Public Health.

One Kodascope, one Kine-kodak Model " B ", six magic lanterns with 1,167 slides, and a reprint of the film " The Village Well, " were added to the Bureau's stock of equipment. Health education work received much support from many local bodies and Government officials, to whom my thanks are due for their helpful co-operation.

**50. Medical Officer of Fairs and Festivals.**—Dr. U Ba Kin B.A., M.B., D.P.H., acted as Medical Officer of Fairs and Festivals, up to the end of February when the post was discontinued. His report has been submitted to the Local Government.

**51. Assistant District Health Officers** were employed during the year in the Akyab, Prome, Bassein, Toungoo and Meiktila districts.

(1) *Dr. Chit Twe* relinquished charge at Prome on the 1st July 1929 and was posted to Akyab for flood relief work on the 5th July 1929. On completion of this work, he was sent on deputation to Ceylon to study the working of Health Units, and on return was appointed Health Officer, Rural Health Unit, Hlegu, from the 15th October 1929.

(2) *Dr. Saw Kya Zit* proceeded to Calcutta to study for the Diploma in Public Health on the 8th October 1929.

(3) *Dr. U Tha Gyaw* on return after taking the Diploma in Public Health, Calcutta, was posted as Assistant District Health Officer, Akyab, on the 3rd October 1929.

(4) *Dr. U Maung Gale* was on return from taking his Diploma in Public Health at Calcutta, posted temporarily at the Hygiene Institute from the 27th December 1928 to the 25th January 1929, and appointed Assistant District Health Officer, Toungoo, on the 26th January 1929.

(5) *Dr. Ah Shoung* was throughout the year Assistant District Health Officer, Meiktila.

**52. Urban Health Officers on Half-pay Grant System.**—In pursuance of Local Government's Department of Public Health letter No. 29S25, dated the 20th January 1925, Health Officers on a half-pay grant system were continued in Akyab, Prome and Pegu Municipalities. Henzada Municipality was without a wholetime Health Officer from 12th July 1928, but Dr. B. C. Das, B.Sc., M.B., D.P.H., was appointed to the post from the 16th April. Nyaunglebin and Thayetmyo Municipalities, which agreed to come under the scheme promulgated in Local Government's resolution No. 243S27, dated the 6th February 1928, have appointed each a Health Officer of the second class from the 1st February and 1st March, respectively.

**53. Development of Local Government Authorities in relation to Public Health.**—As is to be expected in the early days of elected local government authorities, great variation exists in their attitude to Public Health.

Municipal Committees, which have been much longer in existence are of course more developed than District Councils. Some, such as those of Moulmein and Akyab for example, have pursued a progressive policy in dealing with their health problems, and shown a disinterested public spirit which is highly praiseworthy. Others, as is

made evident from this report, have failed to appreciate their responsibilities or to act up to them, and have shown timidity, indecision and lack of administrative ability, or have frittered away their energies in fruitless discussion and their finances in unproductive measures.

While developments are in hand to improve the public health staffs of Districts and Municipalities, it is the writer's opinion that there is a need for the formation of a Provincial Service of well-trained Secretaries, to be placed at the disposal of Municipal Committees and District Councils.

**54. Reorganisation and Development of the Public Health Department.**—My predecessors, Lieutenant-Colonel Williams, I.M.S., and Lieutenant-Colonel Bisset, I.M.S., have on frequent occasions represented to the Local Government the need for expansion and development of the Public Health Department, and there is no doubt that, in spite of various schemes put into force since the war to strengthen the Department, a thorough reorganisation and policy of development has been much overdue.

In April 1929 my proposal for the appointment of a Government Committee, to consider the reorganisation of the Department and to draw up a scheme of development, was accepted by Government, and a committee, composed of the Secretaries to Government in the Departments of Finance, Education and Local Government, and the Director of Public Health, was appointed. It met at once and submitted its report on the 9th July. This report, which has been published, deals with all sections of the Department. Its main recommendations are :—

- (1) The establishment of a Provincial Service of whole-time Medical Officers of Health for Rural Districts to be paid by Government.
- (2) The meeting of half the pay of District Public Health Inspectors by Government, in return for certain rights of control over appointment, dismissal and duties, analogous to those obtaining in England.
- (3) The creation of a separate cadre of epidemic Sub-Assistant Surgeons to be used as a provincial reserve.
- (4) The improvement of Municipal Health Services by amending the Burma Municipal Act.
- (5) Strengthening of the Central Branch of the Department by additional posts.
- (6) Reorganisation of the Provincial Public Health Board.
- (7) Reorganisation of the Port Health Branch.

Government has accepted the first two recommendations on a temporary experimental basis for two years ; the third and fourth recommendations have been accepted ; recommendations (5) and (6) are still under consideration, while orders have not yet been issued on recommendation (7).

**55. Hlegu Demonstration Health Unit.**—An important development during the year was the inauguration of a demonstration Rural Health Unit at Hlegu in the Insein District, a project which is being conducted by the Government of Burma, in co-operation with the International Health Division of the Rockefeller Foundation, and the District Council. The area in which the unit works is a township, having an extent of 603 square miles and approximately 60,000 population. The Rockefeller Foundation generously placed Dr. J. F. Kendrick, M.D., at the disposal of the Public Health Department to direct the work in conjunction with the Director of Public Health.

The objects of the Health Unit are, first, to demonstrate what can be done by applying modern methods of public health, with the aid of a sufficient staff and sufficient funds, to a typical rural area, and, second, to provide a field training school for Public Health Officers.

Dr. Chit Tway, M.B., of the Public Health Department, has been appointed Executive Health Officer.

The Unit was formally opened by the Honourable U Ba Tin, Minister for Education and Public Health, on the 13th November 1929. The demonstration is to continue for a period of three years.

**56. Floods in Akyab District.**—In June 1929 the Kaladan River came down in unprecedented floods. On the 11th June Paletwa was submerged, and the Military Police Lines washed away. On the following day the flood reached Kyauktaw. Great damage was done to villages on the river bank and the village of Nagume was destroyed. Altogether about 100,000 acres were flooded, and from 10,000 to 15,000 households in about 200 villages lost practically all their possessions. It was estimated that seed grains to the value of 2 to 3 lakhs, food supplies from 5 to 8 lakhs, and cattle to the value of 5 to 10 lakhs of rupees were destroyed. Nearly every village drinking water tank and well was silted up and, owing to the fact that the rivers contained brackish water, there was an acute water shortage.

The clearing up of village sites and de-silting was a big problem and the danger of an epidemic was imminent. Four Epidemic Sub-Assistant Surgeons were despatched to the area and their services utilised in health relief work. Six additional Public Health Inspectors were specially recruited, and this staff was employed in cleaning up and sterilising sources of drinking water supply. An Assistant District Health Officer was also posted to assist the District Health Staff from the 5th July to the 20th of August. It is gratifying to note that no outbreak of epidemic disease occurred. The incidence of cholera in the district was less than in the previous year and malaria, which was dreaded, did not become epidemic. In view of the danger of malaria a free issue of 1,067 packets of cinchona febrifuge tablets were made in the affected area. I wish to take this opportunity of congratulating the District Health Staff and all who took part in the relief operations on the satisfactory outcome of their work.

**57. Public Health Inspectors.** *Under Training.*—The sixth session of the Public Health Inspectors' Training Class was opened on the 15th July with 44 students. Out of 40 students who appeared for the final examination 33 passed, 8 with credit. The class included 7 stipendiary students, 6 of whom were sent by local bodies in Burma and 1 by the Superintendent, Andaman Islands.

*Employed in the Province.*—The number of Inspectors employed during the year was 149. Of these 44 were employed by the Corporation of Rangoon, 1 by the Port Commissioners, Rangoon, 38 by District Councils and Deputy Commissioners' Local Funds, and 66 by Municipal and Town Committees. It is noted that the District Councils of Amherst, Tavoy, Mergui, Thatôn, Sagaing, Thayetmyo and Pakôkku are still without Public Health Inspectors.

**58. Epidemic Sub-Assistant Surgeons.**—Though the sanctioned number of Epidemic Sub-Assistant Surgeons was 20, it was found necessary to employ during the year 8 more on a temporary basis. The bulk of anti-cholera and anti-plague inoculations in the rural areas was done by these officers. Between the epidemics they were employed on general sanitary duties. They carried out over 70,830 anti-cholera and 8,982 anti-plague inoculations, verified 37,748 birth and death entries and 20,672 vaccinations. They also did a good deal of Health Education work.

Six Epidemic Sub-Assistant Surgeons, who were trained for the Government License in Hygiene in 1928-29, were posted to districts, and three others were taken for training.

Epidemic Sub-Assistant Surgeon U Lwin assisted Dr. Feegrade in the malaria survey of Madaya ; from there he was sent to Karnal for special malaria training and on return was posted to the Malaria Bureau. Epidemic Sub-Assistant Surgeon U Tin conducted preliminary malaria surveys of Taikkyi, Paunggyi and Hlegu villages in Insein district. In October he was sent to Calcutta for a course of training leading to the Diploma in Tropical Medicine. Epidemic Sub-Assistant Surgeons U Tha Saing and U Aung Than were sent on deputation, the former as Health Officer of Thayetmyo Municipality, and the latter to the Northern Shan States.

**59. Medical Inspection of Schools and School Children.**—Out of 304 schools which came under the scheme for medical inspection, reports have been received from 166. This is a definite improvement over last year when only 117 reports were received. The existing system of inspection is still far from uniform, the work done by individual inspectors varying very greatly. Little improvement can be expected in this respect without a proper system of inspection. The Burma Public Health Department Re-organisation Committee has recommended the appointment of an additional Assistant



Director of Public Health, who should devote a considerable part of his time to supervision of the medical inspection of school children. This appointment is badly needed.

Medical Officers examined 95·37 per cent. of all pupils on the rolls, an improvement of 1·58 per cent. over last year. Of the pupils 62·96 per cent. were protected against small-pox by primary vaccination only, 29·41 per cent. by re-vaccination, 3·20 per cent. by small-pox and the remaining 1·91 per cent. were unprotected. It is obvious from these figures that there is great need for systematic re-vaccination of children between the ages of 7 and 10. Not a few schools are now insisting upon this in their own interests, and there can be no doubt that, if all schools were to insist upon pupils being re-vaccinated between 7 and 10 years of age, small-pox would completely cease in schools.

The proportions of the principal defects found at medical inspection remain very similar to last year. I give the figures below :—

|                      | Per cent. |
|----------------------|-----------|
| Defective teeth ...  | 19·48     |
| Enlarged tonsils ... | 13·07     |
| Skin diseases ...    | 6·43      |
| Defective vision ... | 5·34      |
| Trachoma ...         | 3·57      |

**60. Sanitary Condition of Mines.**—The report on the Burma Corporation Mines at Namtu along with a summary of the sanitary condition of the mines in other districts is published as Appendix C.

### 61. Burma Ghee Adulteration Act, 1917—*Rangoon.*

| Year.       | Number of samples taken. | Number reported to be adulterated. | Percentage of samples adulterated to samples taken. |
|-------------|--------------------------|------------------------------------|---|
| 1927 ... .. | 129                      | 54                                 | 41·86   |
| 1928 ... .. | 176                      | 26                                 | 14·77   |
| 1929 ... .. | 105                      | 35                                 | 33·33   |

Four defaulters were warned departmentally as ghee sold by them was slightly adulterated. Two samples were taken from the same consignment in one of these cases. The remaining 30 cases were set up for prosecution. Results :—

3 cases struck off.  
 2 cases acquitted  
 2 cases withdrawn.  
 1 case closed as the party was in jail.  
 22 cases fined.

Total ... 30

|                                      | Rs.   |
|--------------------------------------|-------|
| Amount of fines realised in 1927 ... | 1,775 |
| " " 1928 ...                         | 3,345 |
| " " 1929 ...                         | 867   |

*Akyab.*—One sample was sent to the Chemical Examiner for analysis and reported adulterated. The offender was prosecuted under section 3 (2) and fined Rs. 50.

*Maymyo.*—One prosecution was instituted under sections 3(1), 11 and 12 of the Act, but the accused was acquitted as it was pointed out that the inspector who took the sample was not vested by the Local Government with power to take action under section 6 (1) of the Act.

**62. Burma Food and Drugs Act, 1928.**—The qualified Public Analyst referred to in my 1928 report has not yet been appointed, and the rules contemplated under section 8 of the Act have not yet been formulated.

**63. Conclusion.**—In conclusion I wish to record the fact that the year under review has been one of unusual activity and progress, both in the direction of reorganisation and of development of new work. It has been a difficult year and a hard year for all officers of the Department, and I would tender to them my best thanks for the loyal support they have invariably given me.

RANGOON, 7th July 1930.

G. JOLLY, *Lieut.-Col., I.M.S.,*  
*Officiating Director of Public Health, Burma.*

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## APPENDIX A.

**Narrative Progress Report of Estimates prepared and  
Works carried out by the Water and Sewerage  
Engineer, Public Works Department, Burma.**

## I.—WATER SUPPLY.

*Pabaidan Police Station.*—Estimate amounting to Rs. 1,344 for providing additional G.I. Storage Tanks for the improvement of the water supply to the Police Station. Work completed.

*Pansodan Police Station.*—Estimate amounting to Rs. 1,130 for replacing the existing worn out G.I. Storage Tanks by new ones at Room Nos. 10 and 11 of 2nd floor of married Constables' quarters of the station. Work completed.

*Stud Farm, Military Police Lines, Pyawbwe.*—Two estimates were prepared amounting to Rs. 1,522 and Rs. 540 respectively, one for supplying and erecting engine and the other for supplying and fixing one double acting pump at stud farm. Both the works were carried out and completed.

*Town Lock-up, Rangoon.*—Estimate amounting to Rs. 3,219 for additions and alterations to sanitation and water supply installation at lock-up was prepared and forwarded to the Commissioner of Police for sanction and allotment of funds.

*C.I.D. Lines, Insein.*—Estimate amounting to Rs. 2,576 for installing air compressor and motor to work the existing 6" tube well at the lines. Work completed.

*C.I.D. Lines, Insein.*—Estimate amounting to Rs. 4,454 for cleaning 6" tube well and putting down Ashford strainers and also sinking a new tube well, etc. at the lines. Work completed.

*Insein Central Jail.*—Estimate amounting to Rs. 1,696 for installing a new steam-driven pump and working all necessary connections for the new 6" tube well. Work completed.

*Insein Central Jail.*—Estimate amounting to Rs. 2,190 for masonry tank and shifting steam pump and re-connecting pipe and cleaning 4" tube well. Work completed.

*Insein Central Jail.*—Estimate amounting to Rs. 500 for connecting up elevated tank deliveries to Axiflo pump at the jail. Work completed.

*Rangoon Central Jail.*—Estimate amounting to Rs. 764 for water supply to proposed washing places, including platform in the jail was prepared and forwarded to the Superintendent, Central Jail, for sanction and allotment of Funds.

*Rangoon University.*—Estimate amounting to Rs. 15,380 for temporary water supply scheme at the University. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 5,755 for pump suction, deliveries and tube well mains to water supply. Work completed.

*A.-V. High School and Civil Hospital, Insein.*—Estimate amounting to Rs. 5,036 for laying of combined piping and gravity main for water supply to these buildings. Work completed.

*A.-V. High School, Pyawôu.*—Estimate amounting to Rs. 3,860 for water supply to new hostel of the school was prepared and forwarded to the Executive Engineer, Delta Division, for sanction and allotment of funds.

*Medical College, Rangoon.*—Estimate amounting to Rs. 9,999 for tube well pumping plant, etc., for garden watering. The work is in progress.

*Mental Hospital, Tadagale.*—Estimate amounting to Rs. 28,650 for sinking an additional 10" diameter Ashford strainer tube well to improve the water supply at the asylum. Work completed.

*Mental Hospital, Tadagale.*—Estimate amounting to Rs. 1,69,702 for improved water supply scheme to the asylum was prepared and submitted to the Chief Engineer, Public Works Department, Burma (Buildings and Roads) for sanction and allotment of funds.

*Mental Hospital, Tadagale.*—Estimate amounting to Rs. 6,199 for repairing, widening and raising the bund along the lake for garden water supply. The work is completed.

*Mental Hospital, Tadagale.*—Estimate amounting to Rs. 1,862 for constructing weir and raising bund to garden water supply at the asylum. Work completed.

*Dufferin Hospital, Rangoon.*—Estimate amounting to Rs. 389 for providing lawn hydrants behind isolation and gynæcological ward in front of Probationers' Block. Work completed.

*New General Hospital, Rangoon.*—Estimate amounting to Rs. 316 for providing new Berkfield pressure wall filters at kitchen and bathroom of wards Nos. 13 and 14 of the hospital. Work completed.

*Technical Institute, Insein.*—Estimate amounting to Rs. 3,524 for providing servants' latrine and bathing places at the Institute. Work completed.

*Harcourt Butler Institute, Rangoon.*—Estimate amounting to Rs. 673 for providing storage tanks and circulating pipes at refrigerating plant at the institute. Work completed.

*Magyidan Police Station, Kemmendine.*—Estimate amounting to Rs. 259 for water supply to the Police Station. Work completed.

*Oil Officers' Quarters, Syriam.*—Estimate amounting to Rs. 2,381 for dismantling mild steel tank at Seikkyi and removing and reconstructing at Syriam. The work is in progress.

*Cantonment Area, Rangoon.*—Estimate amounting to Rs. 1,844 for providing Siemens 5" full bore water meter combination at Rangoon Cantonment area to be handed over by the Military Authority was sanctioned and funded in full. The work is in hand.

*Botalaung Police Station.*—Estimate amounting to Rs. 1,346 for additional water supply to the Police Station. Work completed.

*C.I.D. Lines, Insein.*—Estimate amounting to Rs. 352 for dismantling the existing 2" G.I. pipes laid underground at Personal Assistant's quarters at the lines. Work completed.

*Mônywa.*—Estimate amounting to Rs. 4,641 for distribution system of water supply scheme was prepared and submitted to the President, Mônywa Municipality, through the Commissioner, Sagaing Division, for disposal.

*Mandalay.*—Estimate amounting to Rs. 38,464 for water supply scheme survey and investigation, survey completed. Detailed plans and estimates are under preparation.

*Mandalay.*—Estimate amounting to Rs. 1,10,856 for temporary water supply scheme at Mandalay. The work is in hand and nearing completion.

*Minhla.*—Estimate amounting to Rs. 14,239 for sinking a new 6" tube well and providing necessary tanks and connections for putting the wells into commission for water supply scheme was prepared and forwarded to Commissioner, Pegu Division, for disposal. Funds were allotted by Provincial Public Health Board and the work is being put in hand.

*Bassein.*—Estimate amounting to Rs. 11,548 for sinking a 6" tube well at Yodayadat village was prepared and submitted to the Chairman, District Council, Bassein, for disposal.

*Bassein.*—Estimate amounting to Rs. 11,548 for sinking a 6" tube well at Daikpyet village was prepared and submitted to the Chairman, District Council, Bassein, for disposal.

*Yandoon.*—Estimate amounting to Rs. 20,868 for water supply scheme was prepared and submitted to the President, Yandoon Municipality for disposal. Estimate and plans are administratively approved by the Board and sanctioned two-thirds of the cost of the scheme. The work will be put in hand very shortly.

*Kyaukpyu.*—Estimate amounting to Rs. 9,042 for sinking a 6" diameter tube well was prepared and submitted to the President, Kyaukpyu Municipality, for disposal.

*Letpadan.*—Estimate amounting to Rs. 7,993 for providing and fixing 2½" diameter fire hydrants and 6" full way meter to existing C.I. mains at Letpadan was prepared and submitted to the President, Letpadan Municipality, for disposal.

*Letpadan.*—Estimate amounting to Rs. 5,405 for pipe connections between the 6" tube well, compressor and the existing tank and providing a new 1,000 gallons tank for water supply scheme was prepared and forwarded to the President, Letpadan Municipality, through the Commissioner, Pegu Division, for disposal.

*Magwe.*—Estimate amounting to Rs. 3,255 for testing the 12" tube well of water supply scheme was prepared and submitted to the President, Municipal Committee, Magwe, through the Commissioner, Magwe Division, for disposal.

*Taungdwingyi.*—Estimate amounting to Rs. 7,601 for testing the yield of four tube wells at Taungdwingyi was prepared and forwarded to the President, Taungdwingyi Municipality, for disposal.

*Mawlaik.*—Estimate amounting to Rs. 24,593 for improved water supply scheme for the town was prepared and submitted to the Chief Engineer, Public Works Department (Buildings and Roads) for disposal.

*Pyu.*—Estimate amounting to Rs. 6,393 for sinking a 6" diameter tube well to a depth of 180' at Pyu was prepared and submitted to the President, Pyu Municipality, through the Deputy Commissioner, Toungoo, for disposal.

*Sale.*—Estimate amounting to Rs. 150 was prepared to carry out survey work to prepare a detailed estimate for water supply scheme forwarded to the Chairman, District Council, Magwe, for sanction and

allotment of funds. The work will be put in hand immediately. Funds are allotted.

*Insein.*—Estimate amounting to Rs. 2,05,406 for water supply scheme (area of town west of Rangoon) was prepared and forwarded to the Commissioner, Pegu Division, Rangoon, for disposal.

*Prome.*—Estimate amounting to Rs. 5,03,114 for improved water supply scheme was prepared and forwarded to the President, Prome Municipality, through the Commissioner, Pegu Division, for disposal.

*Prome.*—Estimate amounting to Rs. 25,839 for water supply scheme to Civil Station at Prome Hill was prepared and submitted to the Superintending Engineer, Irrawaddy Circle, for disposal.

*Pyawbwe.*—Estimate amounting to Rs. 7,356 for extension of infiltration gallery to water supply scheme was prepared, sanctioned and funded.

The work is being put in hand.

*Yenangyaung.*—Estimate amounting to Rs. 18,873-13-0 for improvements to water supply scheme was prepared and submitted to the President, Yenangyaung Municipality, through the Commissioner, Magwe Division, for disposal.

*Waw (Pegu District).*—Estimate amounting to Rs. 7,030 for sinking a 6" diameter tube well at Waw was prepared and submitted to the Commissioner, Pegu Division, for disposal.

*Thingangyun.*—Estimate amounting to Rs. 12,650 for sinking a 6" diameter tube well for water supply scheme. The work is in progress.

*Tharrawaddy.*—Estimate amounting to Rs. 91,809 for water supply scheme of the town. The work is being put in hand.

Several estimates for surface wells, supplies, etc., were examined and reported on.

Most of the estimates for major and minor works prepared during previous years were sanctioned and funded in full. These works were put in hand and completed.

## II.—SEWERAGE AND SEWAGE DISPOSAL AND SANITARY SCHEMES.

*Myelada Police Station.*—Estimate amounting to Rs. 12,200 for providing sewerage scheme and water supply to the Police Station was prepared and submitted to the Superintending Engineer, Rangoon Circle, for sanction and allotment of funds.

*General Post Office, Rangoon.*—Estimate amounting to Rs. 964 for additional sanitary accommodation at clerks' lavatory room, 1st floor, west side of Post Office, Rangoon, was prepared and submitted to the Postmaster-General, Burma, for sanction and allotment of funds.

*East Rangoon Post Office.*—Estimate amounting to Rs. 744 for proposed additional one-seated latrine for the staff of Post Office was prepared and submitted to the Superintendent of Post Offices, Rangoon, for disposal.

*New General Hospital, Rangoon.*—Estimate amounting to Rs. 5,500 for five-seated trough latrine for use of visitors of hospital. Work completed.

*New General Hospital, Rangoon.*—Estimate amounting to Rs. 1,198 for providing additional lavatory basin at Sisters' quarters was prepared and submitted to Medical Superintendent, General Hospital, through Inspector-General of Civil Hospitals, Burma, for sanction and allotment of funds.

*New General Hospital, Mandalay.*—Estimate amounting to Rs. 13,768 for sanitation and hot water installation to Operation Theatre and X-Ray Block of the Hospital. The work is in progress.

*Dufferin Hospital, Rangoon.*—Estimate amounting to Rs. 3,584 for proposed five-seated trough latrine and water supply to bathing shed for menials, etc. Work completed.

*Dufferin Hospital, Rangoon.*—Estimate amounting to Rs. 773 for proposed additional lavatory basins to the Maternity Ward of the Hospital. Work completed.

*Dufferin Hospital, Rangoon.*—Estimate amounting to Rs. 200 for providing lavatory basins to kitchen, isolation block, Dufferin Hospital. The work is in progress.

*A.-V. High School, Moulmein.*—Estimate amounting to Rs. 8,835 for providing water, gas and drainage to lavatories of the school. Work completed.

*Insein Veterinary School.*—Estimate amounting to Rs. 332 for sanitation to mortuary buildings. Work completed.

*A.-V. High School, Insein.*—Estimate amounting to Rs. 1,302 for sanitation to head master's quarters of the school was prepared and submitted to the Executive Engineer, Insein Division, for disposal.

*Government Technical Institute, Insein.*—Estimate amounting to Rs. 599 for single-seated latrine and bathing platform for servants at Assistant Lecturer's quarters for Electrical Engineering was prepared and submitted for disposal.

*Medical College, Rangoon.*—Estimate amounting to Rs. 1,010 for sanitation to the Animal House at the College. Work completed.

*Medical College, Rangoon.*—Estimate amounting to Rs. 1,584 for converting Professors' Tiffin and Chart Room into Women's Common Room and Lavatory. The work is in progress.

*Government Technical Institute, Insein.*—Estimate amounting to Rs. 1,502 for sanitation to Assistant Lecturer's quarters for Electric Engineering at the Institute. Work completed.

*Officers' Quarters, Windermere Park.*—Estimate amounting to Rs. 2,715 for proposed extension of existing effluent pipe line to outfall works. Work completed.

*Hon'ble Judge's Quarters, Mandalay.*—Estimate amounting to Rs. 13,066 for sanitary installation and water distribution and sewerage scheme to Judges' quarters was prepared and submitted to the Chief Engineer, Public Works Department, Burma (Buildings and Roads), for sanction and allotment of funds.

*Currency Building, Rangoon.*—Estimate amounting to Rs. 3,973 for providing parapet gutters of corrugated iron roof in Accountant-General's Office was prepared and submitted to officers concerned for disposal.

*Senior Warden's Quarters, Yenangyaung.*—Estimate amounting to Rs. 5,219, for providing sanitation to this quarter was prepared, sanctioned and funded in full. The work was completed.

*Geological Quarters, Yenangyaung.*—Estimate amounting to Rs. 4,237 for providing sanitation to this quarter was sanctioned and funded in full. The work was completed.

*Junior Warden's Quarters.*—Estimate amounting to Rs. 3,962 for providing sanitation to the quarter and supplementary estimate amounting to Rs. 1,789 for providing one-seated latrines attached to this quarter was sanctioned and funded in full. Work completed.



*Cantonment Church, Mingaladon.*—Estimate amounting to Rs. 2,520 for sanitation to Cantonment Church was prepared and submitted for disposal. Estimate was returned until such time as more connections to the 4" sewer are required.

*New Law Courts, Rangoon.*—Estimate amounting to Rs. 17,542 for proposed lead work at rain water heads, valley gutters, sunshades, etc. at New Law Courts, Rangoon. The estimate is sanctioned and the work is put hand.

*Rangoon University.*—Estimate amounting to Rs. 15,036 for sanitation to Judson College staff quarters (facing north-east) and single-seated latrine for Dining Hall, Judson College. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 1,801 for servants' latrine and bathing platforms for proposed officers' quarters at vacant sites Nos. 26, 28 and 30. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 637 for sweepers' single-seated latrine and bathing platform at Sewage Outfall Works. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 41,051 for gas installation, University and Judson College, was prepared and submitted to Secretary, Rangoon University Building Trust, through Chief Engineer, Public Works Department, Burma (Buildings and Roads), for disposal. Same was returned for revision on alterations and additions required by the Board.

*Rangoon University.*—Estimate amounting to Rs. 40,120 for mechanical ventilation to Chemistry Block, University and Judson College, was prepared and submitted to the Secretary, Rangoon University Building Trust, through the Chief Engineer, Public Works Department, Burma (Buildings and Roads), for disposal. Same was returned for revision due to alterations and additions required by the Board.

*Rangoon University.*—Estimate amounting to Rs. 88,613 for laboratory arrangements to water supply and subsidiary water distribution to University and Judson College, was prepared and submitted to the Secretary, Rangoon University Building Trust, through the Chief Engineer, Public Works Department, Burma (Buildings and Roads), for disposal. Same was returned for revision due to alterations and additions required by the Board.

*Rangoon University.*—Estimate amounting to Rs. 1,26,037 for supplying and fixing furniture for laboratories, University College, was prepared and forwarded to the Secretary, Rangoon University Building Trust, through the Chief Engineer, Public Works Department, Burma (Buildings and Roads), for disposal. Same was returned for revision due to alterations and additions required by the Board.

*Rangoon University.*—Estimate amounting to Rs. 945 for hot water installation and Women's Hostel kitchen, Judson College. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 8,771 for sanitary installation and Bachelors' quarters, Registrar's office, etc. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 7,903 for sanitation to Officers' quarters and University Training Corps. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 4,190 for converting the existing European closet into Indian pattern at Men's Hostel, University College. Work completed.

*Rangoon University.*—Estimate amounting to Rs. 544 for providing single-seated servants' latrine, Men's Dining Hall, Judson College. Work completed.

*New Customs Buildings, Rangoon.*—Estimate amounting to Rs. 1,850 for additions and alterations to laboratory fittings at second floor of the building. Work completed.

*Kyaukp̄yu.*—Estimate amounting to Rs. 4,354 for proposed night soil dumping septic tank at Kyaukp̄yu was prepared and submitted to Director of Public Health, Burma, for disposal.

Most of the estimates for major and minor works prepared during previous years were sanctioned and funded during the year under review. These works were put in hand and completed.

### III.—BAZAARS.

*Bogale.*—Estimate amounting to Rs. 1,36,516 for constructing two dry goods bazaar was prepared and submitted to the Chairman, District Council, Pyapôn, for disposal.

*Kyaukp̄yu.*—Estimate amounting to Rs. 31,859 for proposed cloth and miscellaneous goods bazaar for 36 stalls (steel construction) was prepared and forwarded to the President, Kyaukp̄yu Municipality, through the Commissioner, Arakan Division, for disposal.

*Kyaukp̄yu.*—Estimate amounting to Rs. 21,478 for proposed cloth and miscellaneous goods bazaar for 36 stalls (wooden construction) was prepared and forwarded to the President, Kyaukp̄yu Municipality, through the Commissioner, Arakan Division, for disposal.

*Kyaukp̄yu.*—Estimate amounting to Rs. 13,248 for providing pucca stalls, passages and drains to the existing bazaar buildings was prepared and forwarded to the President, Kyaukp̄yu Municipality, through the Commissioner, Arakan Division, for disposal.

*Wakèma.*—Estimate amounting to Rs. 36,255 for proposed vegetable bazaar was prepared and forwarded to the President, Municipal Committee, Wakèma, through the Commissioner, Irrawaddy Division, Bassein, for disposal.

*Shwegyin.*—Estimate amounting to Rs. 1,02,249 for constructing a new bazaar was amended to Rs. 99,385 as recommended by the Projects Sub-Committee of Provincial Public Health Board and forwarded to the Commissioner, Tenasserim Division, Moulmein, for disposal.

Several schemes for bazaars, etc., were received, examined and reported on.

### IV.—DRAINAGE.

*New Law Courts.*—Estimate amounting to Rs. 9,855-10-0 for drainage for rain water pipes was sanctioned and funded. The work is put in hand and it is nearing completion.

*Heuzada.*—Estimate amounting to Rs. 1,12,183 for Outfall Drainage scheme was prepared and submitted to the President, Heuzada Municipality, through the Commissioner, Irrawaddy Division, Bassein, for disposal.

*Heuzada.*—Estimate amounting to Rs. 8,451 for Outfall Drainage Scheme, Railway Gate Girder Bridge, was prepared and submitted to the Chief Engineer, Burma Railways, Rangoon, for disposal.

*Myitkyina*.—Estimate amounting to Rs. 4,765 for survey work for drainage scheme of the town was sanctioned and funded. The work is being put in hand.

*Wakèma*.—Estimate amounting to Rs. 2,227 for drainage survey scheme was sanctioned and funded in full. The survey work was completed and plans and estimates are under preparation.

*Mônywa*.—Estimate amounting to Rs. 18,098 for drainage of Kandawgyi tank was prepared and submitted to the President, Mônywa Municipality, through the Commissioner, Sagaing Division, for disposal.

*Shwebo*.—Estimate amounting to Rs. 8,863 for drainage scheme for Shwebo Bazaar was prepared and submitted to the President, Shwebo Municipality, through the Commissioner, Sagaing Division, for disposal.

Several schemes for drainage were received, examined and reported on.

#### V.—LAY-OUTS, ETC.

*Insein Town*.—Estimate amounting to Rs. 150 for survey of Penigon ward, Insein Town. Survey works completed and plans are under preparation.

*Myitkyina*.—Estimate amounting to Rs. 999 for survey of reclamation of new extension area. Survey work is completed and the estimate and plans are under preparation.

Several lay-out plans were submitted for opinion and returned.

## APPENDIX B.

*Annual Report of the Provincial Public Health Board, Burma, for the year 1929.*

The constitution of the Board was altered slightly during the year under report, the Deputy Chief Engineer, Public Works Department, Buildings and Roads Branch, being appointed an *ex-officio* member in place of the Chief Engineer, Public Works Department, Buildings and Roads Branch, at the request of the latter who stated that he was already a member of four Standing Committees. The functions of the Board remained the same as in the previous year.

2. There was a change in the personnel of the Board. The six new members elected by the Burma Legislative Council and the two members nominated by the Hon'ble the Minister for Education commenced their respective terms of office in January 1929.

3. The amount allotted to the Board in the Public Health Department Budget for the year 1929-30 was Rs. 2,14,119 as compared with Rs. 5,92,930 allotted in the previous year and Rs. 9,50,000 in the year 1927-28.

4. Three meetings were held during the year, as in the previous year. The number of projects considered was 25, or 9 more than in the previous year. A sum of only Rs. 93,059 was sanctioned in grants to local bodies, whereas the total amount sanctioned during the year 1928 was Rs. 2,37,315. A detailed statement of the grants sanctioned at meetings held during the year is appended to this report.

5. The Projects Sub-Committee of the Board held four meetings during the year. It considered 32 projects, of which 11 were approved by it unconditionally, 7 approved subject to certain modifications and 14 rejected.

6. A proposal for the establishment of a Public Health Unit in the Hlègu Circle of the Insein District was the most interesting project considered by the Board. The unit was to be more or less an experimental measure for three years for the Health Administration of the area, under the direction of an officer whose services had been lent by the International Health Division of the Rockefeller Foundation. The Board resolved to make a contribution towards the scheme.

In pursuance of this resolution a sum of Rs. 16,350 was transferred by the Local Government from the allotment placed at the disposal of the Board to the appropriate head of account in the Budget Estimates under the control of the Director of Public Health, Burma.

7. The Akyab Water Supply Scheme was one of the important schemes considered. The decision of the Board was that no further action would be taken on the scheme until the Municipal Committee had complied with certain requirements of the Projects Sub-Committee.

8. A lively interest was displayed in anti-malarial operations at Kyaukpyu, towards which contributions amounting to Rs. 24,868 were made on the recommendation of a Committee which was appointed by the Local Government in January 1929 to frame proposals for anti-malarial measures in the town of Kyaukpyu and its environs. This figure includes a grant towards the cost of construction of a combined Sub-Assistant Surgeon's quarters and laboratory. An epidemic Sub-Assistant Surgeon has been detailed for duty, and a laboratory attendant and a mosquito catcher have been entertained for a period of five years for employment on anti-malarial duty at Kyaukpyu.

9. The plans and estimates for the construction of a new cloth and miscellaneous goods bazaar at Akyab, were referred back to the Municipal Committee for modification in accordance with the recommendation of the Projects Sub-Committee of the Board.

10. Sanction was accorded to the utilization of a sum of Rs. 125 out of the unspent balance of the contribution made by the Board towards the Kyaikto Water Supply Scheme, for the purpose of employing a temporary surveyor to prepare a large scale map to enable the Water and Sewerage Engineer, Public Works Department, to proceed with the scheme in question.

11. Besides the projects detailed in the statement appended to this report the Board considered and accorded administrative approval to the following :—

- (i) Construction of a general goods stall in the Mohnyin Bazaar, Myitkyina District.
- (ii) Construction of a new cloth and miscellaneous goods bazaar, and improvement to the existing bazaar, at Kyaukpyu.
- (iii) Extension of the infiltration gallery of the Pyawbwe Water Supply Scheme.
- (iv) Construction of a vegetable bazaar at Wakèma.
- (v) Construction of a water tank at Thôngwa.
- (vi) Yandoon Municipal Water Supply Scheme.
- (vii) Reclamation of the bazaar tank at Henzada.

12. The Board during the course of the year recommended to the Local Government that the definition of "Sanitary Work" and "Sanitary Project" in Municipal Department Circular No. 50 of 1926, be amended.

13. The Board *inter alia* resolved to impose a condition that all works towards which it had made grants should be commenced within three months of the date on which the contribution was drawn. As a result of this condition, two applications for extension of time were received and granted (i) in the case of the construction of four rain-water tanks in certain villages in the Ngaputaw Township and (ii) in the case of the Môngywa Municipal Water Supply Scheme.

14. The projects completed during the year were as follows :—

| <i>Name and Nature of Project.</i>                | <i>Date of completion.</i> |
|---|----------------------------|
| 1. Sandoway Drainage Scheme ... ..                | 26-4-29                    |
| 2. Protective works against floods at Pegu ... .. | 9-7-29                     |
| 3. Nyaunglebin Water Supply Scheme ... ..         | 31-3-29                    |

*Statement showing Grants sanctioned by the Provincial Public Health Board at meetings held during the year 1929.*

| Name of Project.   | Amount sanctioned. | Remarks. |
|--|--------------------|----------|
| (1)  | (2)                | (3)      |
|  | Rs.                |          |
| 1. Anti-Malarial Measures in Akyab ... ..  | 8,000              |          |
| 2. Maubin Distric Council Water Supply Scheme  | 804                |          |
| 3. Construction of four rain-water tanks at certain villages in the Ngaputaw Township. | 14,469             |          |
| 4. Construction of Pail Depôts, Maymyo ... ..  | 5,118              |          |
| 5. Improving the tank near Police Station, Einmè, Myaungmya District.                  | 2,051              |          |
| 6. Sinking experimental tube well at Thingangyun.                                      | 12,650             |          |
| 7. Kyaukpyu Anti-Malarial Fund ... ..  | 2,500              |          |
| 8. Erection of a night-soil dumping septic tank, Kyaukpyu.                             | 5,399              |          |
| 9. Construction of a bund and draining of two tanks, Kyaukpyu.                         | 8,128              |          |
| 10. Combined Sub-Assistant Surgeon's quarters and laboratory, Kyaukpyu                 | 11,341             |          |
| 11. Sinking of 3rd tube well, Minhla ... ..  | 8,620              |          |
| 12. Improvement of the drinking water tank at Panut.                                   | 1,284              |          |
| 13. Construction of a water tank at Thôngwa .  | 1,695              |          |
| 14. Yandoon Water Supply Scheme ... ..   | 10,000             |          |
| 15. Improvement of drinking water tank at Po U Sein Village.                           | 1,000              |          |
| Total ...  | 93,059             |          |

## APPENDIX C.

## Sanitation of Mines.

## A.—BURMA CORPORATION, LIMITED, NAMTU.

*General Conditions.*—The health in the Corporation area has been good throughout the year.

*Cholera.*—There was a small outbreak of cholera at Nampai, Nahey, Nakhun and Mansam Falls, only 9 cases being reported with 8 deaths.

All the cases occurred in persons who had not been inoculated with cholera vaccine.

There had been a general inoculation of all Railways, Forest and Electric employees which had, I believe, an effect in reducing the cases of cholera in the area.

Many outsiders, non-employees of the Corporation were also inoculated at their own request.

*Measles.*—There was an outbreak of measles at Bawdwin; a few cases also occurred at Namtu.

*Plague.*—One case occurred at Panghai and one at Pauktaw.

The patients were immediately isolated, all contacts were transferred to an isolation camp and inoculated.

The infected house was destroyed by fire.

*Influenza.*—One hundred and sixty-five cases of a mild type occurred with one death.

*Relapsing Fever.*—Only one case was diagnosed with no death.

*Blackwater Fever.*—Ten cases occurred with two deaths.

This disease has been absent from Namtu for many years but four cases were admitted to the Asiatic Hospital during the year.

The remainder of the cases came from out-stations, e.g., Namyao and Mansam Falls.

*Malaria Fever.*—The figures for the year are tabulated in the annexed statement.

An anti-malarial campaign has been initiated and much improvement has been executed in the drainage of the area.

Special instructions are issued to all occupiers to keep their compounds clear of undergrowths, bamboos and banana trees.

*Plumbism.*—Sixteen cases were treated at the General Hospital, Namtu, and there was one death.

A scheme of special examination of all employees at the Smelter and Refinery has been started.

All employees are tabulated on health cards and are re-examined at five-month periods.

No person is allowed to be employed at either of the above mentioned departments until he has been examined for any early signs of lead intoxication.

Special feeding rooms have been built with washing facilities.

*Tuberculosis of the Lung.*—Forty-one cases occurred with 23 deaths.

#### *Construction Work.*

The dispensary building has been enlarged. It consists of the dispensary, dressing room, senior Assistant Medical Officer's room and an ample space for the patients to wait in.

A new laboratory has been constructed and is fully equipped with up-to-date apparatus for Bacteriological, Pathological and Biochemical examinations.

The Surgical Ward was reconstructed and a new ward erected for the treatment of women and maternity work.

*Nursing Staff.*—The staff now consists of a matron with six nursing sisters one of whom is trained in maternity and child welfare work which is now specially catered for.

#### PUBLIC HEALTH.

*Milk Supply.*—The vendors are still continued to be licensed and their milk occasionally examined for any adulteration.

Sixteen specimens were examined and of these nine cases were prosecuted.

*Meat Inspections.*—All the animals for slaughter are examined anti and post-mortem by the medical officer.

A new slaughter-house has been constructed.

*Foodstuffs.*—Special care is taken to watch all foodstuffs for sale.

*Conservancy.*—The system in existence is working satisfactorily.

A large number of new latrines were constructed during the year.

A maternity and child welfare nurse was appointed in May 1929 and the following number of cases have been attended and treated by her:—

|  |     |     |     |
|--|-----|-----|-----|
| Number of confinements completed                 | ... | ... | 22  |
| Number of calls attended outside                 | ... | ... | 171 |
| Number of women and children treated in Hospital | ... | ... | 126 |

*Lectures.*—The Chief Medical Officer delivers lectures on sanitation and prevention of infectious and other diseases.

Always there had been a good number of attendants to these lectures.

Chief Medical Officer,  
Burma Corporation, Limited, Nantun.



## B.—MINES IN MERGUI DISTRICT.

Little new information has been brought forward by the District Health Officer in this year's report. Owing to the slump in the price of tin, little or no sanitary improvements have been introduced during the year.

## C.—MINES IN TAVOY DISTRICT.

Six mines were inspected by the District Health Officer this year. There were no epidemic outbreaks and the general health remained as usual, malaria and diarrhoea being the common complaints. There are well equipped and efficient dispensaries at Kanbauk, Hermyingyi and Taungpilla. At Taungthonlon the medical officer attends to out-patients in his own house. The District Health Officer reports that in this last mentioned mine the water supply is defective, being from unprotected shallow wells, and the housing accommodation is most unsatisfactory. This matter will be taken up with the Mine authorities.

## D.—MINES IN THATON DISTRICT.

Sanitary condition of the Public Works Department Quarries, *Mokpalin*, is reported fairly satisfactory. The drinking water supply is good, but the District Health Officer reports that the latrine accommodation is inadequate. In the *Yinnyein* quarry the general sanitation and housing accommodation are reported bad. No latrines were built by the quarry owners and this resulted in general fouling of the ground. Water supply is obtained from shallow wells. Similar conditions prevailed at Mayangone quarry, but at Taungzun quarry conditions are better.

## E.—RUBY MINES AREA.

Most of the coolies live in the town and villages around, the superior staff being accommodated by the company. The total staff employed was 138 as compared with 143 in 1928.

## APPENDIX D,

## ANNUAL REPORT FOR 1929.

1. The staff remained the same as in 1928.

2. *Inspection of In-coming Vessels.*—Vessels from Indian and Foreign Ports numbered 1,584 or 20 more than in 1928 and they carried 145,807 members of crew and 369,358 passengers—16,265 less than in 1928.

Of the above vessels, 1,120 were from Indian Ports and 464 from Foreign Ports against 1,180 and 384 in 1928.

*Vessels Visited: (a) Sea-going.*—These numbered 1,423 showing an increase of 33 on 1928. They carried 133,156 members of crew and 353,872 passengers, making a total of 487,028 persons inspected. The total number of all persons inspected including outgoing is 566,044.

*Summary of Vaccination performed by the Port Health Department during the year 1929.*

|  |     |     |         |
|--|-----|-----|---------|
| Crew and Passengers of In-coming vessels | ... | ... | 221,688 |
| Crew and Passengers of Out-going vessels | ... | ... | 3232    |
| Crew and Passengers of Harbour vessels   | ... | ... | 255     |
| Crew and Passengers of Riverine vessels  | ... | ... | 5       |
| New crew and Light House Keepers         | ... | ... | 3,184   |
| Port Commissioners' employees            | ... | ... | 195     |
|  |     |     | 228,559 |

*Vessels not Visited: (b) Burma Coastal Vessels.*—Under General Department Notification No. 34, dated the 25th March 1924, the inspection of 161 vessels was discontinued which were reported to have carried 12,651 members of crew and 15,486 passengers.

3. *Regulations under which Vessels were Visited.*—General Department Notification No. 73, dated the 13th March 1917 (Parts I to VII), 47 vessels came under this regulation and reported :—

*Infectious Diseases (I).*—Thirty-eight cases of infectious diseases (same as in 1928) were reported by the Commanders of 32 vessels. Out of which 9 (cholera) buried at sea and 5 removed to Contagious Diseases Hospital. The other cases reported included 2 cases of small-pox (on 2 vessels), 6 cases of Chicken-pox (on 6 vessels), 3 cases of measles (on 3 vessels), 11 cases of mumps (on 8 vessels), 1 case of cerebro-spinal meningitis (on 1 vessel) and 1 case of influenza (on 1 vessel).

Out of these cases, 1 case of chicken-pox was permitted to proceed to his residence and Health Officer of the Corporation was informed. The remaining cases were sent to hospitals in Rangoon. Six more cases of infectious diseases were detected at the medical inspection, *i.e.*, 4 cases of chicken-pox and 2 cases of mumps.

(II). Sixteen deaths from non-infectious diseases were reported on 15 vessels.

4. *Burma Act IV of Vaccination Law Amendment Act was brought into force from the 1st August 1928.* One thousand three hundred and seventy-six vessels arrived under this Act. On 31 of these vessels, 35 cases of infectious diseases were detected during the inspection, viz. 6 cases of small-pox, 20 cases of chicken-pox, 2 cases of measles, 5 cases of mumps and 2 cases of influenza and sent to hospital in Rangoon. As a result of the visits paid under regulations in force, the following measures were carried out :—

*Inspection.*—The number of passengers inspected was 340,869.

*Under Burma Act IV of 1928—*

|                     |     |     |     |         |
|---------------------|-----|-----|-----|---------|
| Found protected     | ... | ... | ... | 119,580 |
| Vaccinated on wharf | ... | ... | ... | 221,289 |
|                     |     |     |     | 340,869 |

*The following were the results of the measures :—*

*Infectious Diseases reported and detected.* Aggregated 79, viz. 14 cases of cholera, 8 cases of small-pox, 30 cases of chicken-pox, 5 cases of measles, 18 cases of mumps, 1 case of cerebrospinal meningitis and 3 cases of influenza. Out of these, 35 were detected under Burma Vaccination Act.

*Inflamed and Enlarged Glands.*—One case was sent for examination of gland-tissue and no plague bacilli were found.

Nineteen lepers were (2 reported) detected during inspection of passengers and 25 cripples. Out of 955 cases sent for observation, 23 cases of pneumonia developed.

5. *Disinfection.*—(a) Of the effects of 722 members of crew and 2,894 passengers of infected vessels were carried out. (b) Of 269 vessels were carried out of which 63 were washed down with disinfectant solution for infectious diseases.

6. *Vaccination.*—Passengers and crew numbering 340,869 and 124,721 respectively were examined for vaccination. Out of the former 221,289 and of the latter 399 were vaccinated on arrival by the Rangoon Corporation Vaccinators, making a total of 221,688 vaccinated by this department.

7. *Segregation.*—Nil.

8. *Vessels Visited: (a) Riverine.*—Four vessels with 80 members of crew and 244 passengers reported the occurrence of infectious or suspicious diseases and deaths and underwent the usual measures. Two cases of cholera, 1 case of suspicious illness and 2 ordinary deaths. Five passengers were vaccinated.

9. *Vessels in Harbour*.—Seventeen vessels with 589 members of crew and 34 passengers (light housemen) underwent the disinfection measures. Six cases of cholera, 3 cases of small-pox, 3 cases of chicken-pox, 2 cases of measles, 25 cases of ordinary diseases and 3 ordinary deaths were reported. Two hundred and twenty three members of crew and 32 light housemen were vaccinated.

One steamer (Yorkshire) was fumigated by burning sulphur in European crew's cabins and quarters, on account of Gastro-enteritis, the result of food poisoning.

Three thousand seven hundred and seven pieces of heavy bedding of the Bibby and the P. Henderson Line of steamers were disinfected in steam at a temperature of 240 degrees, each stove being closed for 20 minutes.

10. *Inspection of Outgoing Vessels*.—Proceeding to ports beyond India numbered 563 or 57 more than in 1928. All the 38,652 Asiatic and African members of crew and 23,189 deck passengers of these vessels had their effects disinfected and 10,927 crew and 6,248 passengers including Europeans were inspected. Of these, 1,571 members of crew and 1,661 passengers were vaccinated.

Three thousand one hundred and forty baggage coolies were inspected and their body clothes and uniforms disinfected in steam prior to their handling passengers' luggage.

Temperature tested on 398 crew and passengers and 165 were found normal, while 179 with fever were allowed to embark on the Commanders' responsibility. Two hundred and thirty passes were given to relatives of passengers to see them off.

*Results*.—One case of smallpox and 4 cases of chicken-pox and 49 cases of suspicious rise of temperatures were detected and removed to hospitals for observation and treatment. No case of plague is known to have developed among the crew or passengers of these vessels on their outward voyage and no case of rat plague was reported.

11. *Inspection of Measures to prevent Ingress of Rats into Vessels at Wharves* was frequently carried out.

12. *New Members of Crew inspected prior to signing on the Ships' Articles* were 3,970; of these 3,841 were passed fit and 129 were rejected; 43 for gonorrhoea, 7 for syphilis, 14 for ringworm, 1 for skin disease, 8 for hernia, 3 for orchitis, 11 for hydrocele, 7 for chancre, 5 for enlarged glands, 8 for debility, 14 for scabies, 2 for enlarged testicles, 2 for rash, 2 for varicocle, 1 for opacity cornea and 1 for ulcer.

13. *Fumigation of Vessels*.—Nineteen vessels were fumigated to comply with the measures in force at ports of destination.

14. *Fend off Certificates* were requested by agents of several vessels. Action was taken to see that the requirements were carried out.

15. *Inoculations against Cholera*.—Eight hundred and ninety seven persons were inoculated with 1 c.c. of cholera vaccine.

16. *Miscellaneous Transactions and Remarks. Examination of Port Commissioners' Officers and Employees*.—Examination was carried out on 215 candidates and 214 were declared physically fit (this figure includes superiors and menials examined). Infectious diseases amongst the employees of the Port Commissioners' Establishment included 1 case of cholera, 6 cases of chicken-pox, 15 cases of mumps, 138 cases of influenza.

*The Port Commissioners' Dispensary*.—The dispensary was opened in 1921. The daily average attendance was 164.5 making a total of 50,834.

*Sanitation of Port Commissioners' Foreshore*.—The sanitation of Port area was undertaken by the Port Health Officer. The Port Commissioners supplied the following staff :—

|                               |     |     |     |    |
|-------------------------------|-----|-----|-----|----|
| Sanitary Inspector            | ... | ... | ... | 1  |
| Assistant Sanitary Inspectors | ... | ... | ... | 2  |
| Sub-Inspector                 | ... | ... | ... | 1  |
| Sanitary Clerk                | ... | ... | ... | 1  |
| Jamadars                      | ... | ... | ... | 2  |
| Maistries                     | ... | ... | ... | 7  |
| Conservancy                   | ... | ... | ... | 67 |
| Rat smoking                   | ... | ... | ... | 6  |
| Rat trapping                  | ... | ... | ... | 6  |
| General cleaning              | ... | ... | ... | 8  |
| Office washing                | ... | ... | ... | 4  |

The sanitation of the Port Commissioners' area has greatly improved.

*Vaccination*.—The whole of the Port Commissioners' employees were examined for vaccination and 3,020 were vaccinated as compared with 3,507 in 1928.

*Rating and Trapping (200 traps)*

|                                      |     |     |        |
|--------------------------------------|-----|-----|--------|
| Number of rats destroyed by smoking  | ... | ... | 10,066 |
| Number of rats destroyed by trapping | ... | ... | 17,615 |
| Rat holes closed                     | ... | ... | 32,658 |

17. *Port Health Employees and Port Health Office*.—Twenty-two employees and 20 constables reported sick. The disinfection stoves were closed for 1,134 hours.

Non-infectious diseases numbered 4,315.

*Port Health Staff*.—The staff has worked well.

C. G. CROW, *Capt., K.I.H.*,

*Port Health Officer, Rangoon.*

TABLE NO. I.—Statement showing In-coming Sea-going Vessels visited during the year ending the 31st December 1929.

| Month.<br>(1) | From Indian Ports.        |                        |                       |                 |              | From Foreign Ports.       |                         |                       |               |                | Total.                     |                         |                  |               |                |                |
|---------------|---------------------------|------------------------|-----------------------|-----------------|--------------|---------------------------|-------------------------|-----------------------|---------------|----------------|----------------------------|-------------------------|------------------|---------------|----------------|----------------|
|               | Number of vessels.<br>(2) | Number of crew.<br>(3) | Number of Passengers. |                 |              | Number of vessels.<br>(9) | Number of crew.<br>(10) | Number of Passengers. |               |                | Number of vessels.<br>(16) | Number of crew.<br>(17) |                  |               |                |                |
|               |                           |                        | Males.<br>(4)         | Females.<br>(5) | Boys.<br>(6) |                           |                         | Girls.<br>(7)         | Total.<br>(8) | Males.<br>(11) |                            |                         | Females.<br>(12) | Boys.<br>(13) | Girls.<br>(14) | Total.<br>(15) |
| January       | 99                        | 9,165                  | 27,003                | 1,929           | 501          | 439                       | 29,872                  | 33                    | 2,900         | 1,287          | 318                        | 58                      | 37               | 1,700         | 132            | 12,065         |
| February      | 95                        | 8,607                  | 27,882                | 2,186           | 507          | 497                       | 31,072                  | 41                    | 3,482         | 996            | 258                        | 57                      | 56               | 1,367         | 136            | 12,089         |
| March         | 119                       | 11,171                 | 18,476                | 2,111           | 461          | 492                       | 21,540                  | 38                    | 3,330         | 1,439          | 261                        | 79                      | 49               | 1,828         | 157            | 14,501         |
| April         | 94                        | 8,565                  | 21,531                | 2,351           | 576          | 553                       | 25,011                  | 42                    | 3,638         | 2,244          | 352                        | 88                      | 68               | 2,752         | 136            | 12,203         |
| May           | 96                        | 8,911                  | 24,397                | 2,624           | 760          | 690                       | 28,471                  | 43                    | 3,558         | 1,444          | 254                        | 83                      | 54               | 1,835         | 139            | 12,469         |
| June          | 68                        | 6,568                  | 18,460                | 1,609           | 416          | 392                       | 20,877                  | 40                    | 3,701         | 1,193          | 198                        | 92                      | 55               | 1,538         | 108            | 10,269         |
| July          | 91                        | 8,208                  | 19,026                | 1,735           | 387          | 403                       | 21,551                  | 40                    | 3,608         | 1,214          | 175                        | 42                      | 39               | 1,470         | 131            | 11,816         |
| August        | 87                        | 7,666                  | 15,818                | 1,331           | 308          | 303                       | 17,760                  | 35                    | 3,077         | 967            | 160                        | 30                      | 28               | 1,185         | 122            | 10,743         |
| September     | 88                        | 9,183                  | 20,603                | 1,986           | 505          | 476                       | 23,570                  | 36                    | 3,199         | 1,390          | 207                        | 58                      | 54               | 1,709         | 124            | 12,382         |
| October       | 99                        | 8,967                  | 26,863                | 2,232           | 532          | 518                       | 30,145                  | 36                    | 3,422         | 1,951          | 502                        | 153                     | 108              | 2,714         | 135            | 12,389         |
| November      | 94                        | 8,975                  | 51,328                | 2,491           | 551          | 611                       | 54,981                  | 36                    | 3,384         | 1,949          | 496                        | 132                     | 138              | 2,715         | 130            | 12,359         |
| December      | 90                        | 8,761                  | 36,688                | 2,838           | 827          | 703                       | 41,056                  | 44                    | 3,761         | 1,896          | 520                        | 117                     | 106              | 2,639         | 134            | 12,522         |
| Total         | 1,120                     | 104,747                | 308,075               | 25,423          | 6,331        | 6,077                     | 345,906                 | 464                   | 41,060        | 17,970         | 3,701                      | 989                     | 792              | 23,452        | 1,584          | 145,807        |

TABLE NO. I.—Statement showing In-coming Sea-going Vessels visited during the year ending the 31st December 1929—concl'd.

| Month.    | Total.               |                 |              |               |               | Medical Inspection and Observation. |                    |                  |              |                            |                                 |                             |                                 |          |       | Disinfection. |      |      |
|-----------|----------------------|-----------------|--------------|---------------|---------------|-------------------------------------|--------------------|------------------|--------------|----------------------------|---------------------------------|-----------------------------|---------------------------------|----------|-------|---------------|------|------|
|           | Number of passengers |                 |              |               |               | Total inspected.                    |                    | For temperature. |              | Crew.                      |                                 | Passengers.                 |                                 | Vessels. | Crew. | Passengers.   |      |      |
|           | Males<br>(18)        | Females<br>(19) | Boys<br>(20) | Girls<br>(21) | Total<br>(22) | Crew<br>(23)                        | Passengers<br>(24) | Tested<br>(25)   | Sick<br>(26) | Found<br>protected<br>(27) | Vaccinated<br>on wharf.<br>(28) | Found<br>protected.<br>(29) | Vaccinated<br>on wharf.<br>(30) |          |       |               | (31) | (32) |
| January   | 28,290               | 2,247           | 559          | 476           | 31,572        | 10,229                              | 29,051             | 68               | 58           | 10,130                     | 99                              | 8,299                       | 19,063                          | 17       | 78    | 187           |      |      |
| February  | 28,878               | 2,444           | 564          | 553           | 32,439        | 10,291                              | 29,822             | 106              | 84           | 10,260                     | 31                              | 6,767                       | 21,229                          | 22       | 100   | 26            |      |      |
| March     | 19,915               | 2,372           | 540          | 541           | 23,368        | 12,519                              | 20,930             | 67               | 55           | 12,489                     | 30                              | 7,160                       | 11,739                          | 20       | 96    | 245           |      |      |
| April     | 23,775               | 2,703           | 664          | 621           | 27,763        | 10,303                              | 24,686             | 83               | 71           | 10,265                     | 38                              | 7,776                       | 15,049                          | 19       | ...   | 1,332         |      |      |
| May       | 25,841               | 2,878           | 843          | 744           | 30,306        | 10,619                              | 27,379             | 94               | 79           | 10,601                     | 18                              | 7,546                       | 17,576                          | 25       | 154   | 822           |      |      |
| June      | 19,653               | 1,807           | 508          | 447           | 22,415        | 8,973                               | 20,385             | 117              | 97           | 8,962                      | 11                              | 6,549                       | 12,378                          | 27       | 108   | ...           |      |      |
| July      | 20,240               | 1,910           | 429          | 442           | 23,021        | 10,212                              | 21,306             | 66               | 56           | 10,206                     | 6                               | 6,674                       | 13,095                          | 18       | ...   | 282           |      |      |
| August    | 16,785               | 1,491           | 338          | 331           | 18,945        | 9,298                               | 17,527             | 64               | 54           | 9,259                      | 39                              | 4,929                       | 11,433                          | 16       | ...   | ...           |      |      |
| September | 21,993               | 2,193           | 563          | 530           | 25,279        | 10,031                              | 23,323             | 71               | 61           | 10,005                     | 26                              | 7,572                       | 13,943                          | 21       | 144   | ...           |      |      |
| October   | 28,814               | 2,734           | 685          | 626           | 32,859        | 10,734                              | 30,406             | 198              | 183          | 10,670                     | 64                              | 8,135                       | 19,924                          | 26       | ...   | ...           |      |      |
| November  | 53,277               | 2,987           | 683          | 749           | 57,696        | 10,703                              | 55,292             | 180              | 160          | 10,695                     | 8                               | 13,511                      | 38,359                          | 34       | 42    | ...           |      |      |
| December  | 38,584               | 3,358           | 944          | 809           | 43,695        | 10,809                              | 40,762             | 108              | 95           | 10,780                     | 29                              | 10,532                      | 27,501                          | 24       | ...   | ...           |      |      |
| Total     | 326,045              | 29,124          | 7,320        | 6,869         | 369,358       | 124,721                             | 340,869            | 1,222            | 1,053        | 124,322                    | 399                             | 95,450                      | 221,289                         | 269      | 722   | 2,894         |      |      |

TABLE NO. II.—Statement showing the amount of work done in connection with Out-going Vessels bound for Ports beyond India during the year ending the 31st December 1929.

| Month.    | Shore Inspection.  |                  |        |       |     |     |                    |        |       |       | Results of Inspection. |      |                                  |                  |       |      |      |      |    |
|-----------|--------------------|------------------|--------|-------|-----|-----|--------------------|--------|-------|-------|------------------------|------|----------------------------------|------------------|-------|------|------|------|----|
|           | (2)                | Deck Passengers. |        |       |     | (9) | Saloon Passengers. |        |       |       | (15)                   | (16) | Temperatures.                    |                  |       |      |      |      |    |
| (1)       | Number of vessels. | (4)              | (5)    | (6)   | (7) | (8) | European crew.     | (10)   | (11)  | (12)  | (13)                   | (14) | Passes to relatives and friends. | Baggage coolies. | (17)  | (18) | (19) | (20) |    |
| January   | 39                 | 2,994            | 1,332  | 112   | 44  | 28  | 1,516              | 715    | 288   | 182   | 27                     | 24   | 521                              | 14               | 319   | 29   | 6    | 22   | 1  |
| February  | 51                 | 3,343            | 1,082  | 113   | 20  | 21  | 1,236              | 889    | 277   | 184   | 42                     | 26   | 529                              | 10               | 183   | 34   | 11   | 22   | 1  |
| March     | 65                 | 4,033            | 2,051  | 295   | 112 | 113 | 2,571              | 1,823  | 627   | 530   | 90                     | 76   | 1,323                            | 36               | 443   | 46   | 18   | 22   | 6  |
| April     | 64                 | 3,788            | 1,666  | 196   | 83  | 57  | 2,002              | 1,209  | 391   | 207   | 41                     | 37   | 676                              | 39               | 297   | 44   | 12   | 22   | 10 |
| May       | 53                 | 3,301            | 2,315  | 348   | 158 | 143 | 2,964              | 1,119  | 320   | 175   | 33                     | 27   | 555                              | 22               | 244   | 37   | 13   | 16   | 8  |
| June      | 44                 | 3,022            | 1,702  | 182   | 88  | 87  | 2,059              | 806    | 235   | 121   | 32                     | 22   | 410                              | 18               | 300   | 34   | 15   | 14   | 5  |
| July      | 36                 | 2,643            | 1,486  | 152   | 75  | 65  | 1,778              | 644    | 163   | 77    | 17                     | 16   | 273                              | 10               | 141   | 26   | 19   | 5    | 2  |
| August    | 39                 | 2,900            | 1,737  | 142   | 55  | 44  | 1,978              | 646    | 193   | 79    | 25                     | 29   | 326                              | 19               | 226   | 29   | 13   | 11   | 5  |
| September | 47                 | 3,317            | 1,681  | 232   | 112 | 107 | 2,132              | 710    | 188   | 98    | 21                     | 13   | 320                              | 21               | 282   | 19   | 4    | 12   | 3  |
| October   | 47                 | 3,512            | 1,254  | 122   | 48  | 58  | 1,482              | 944    | 319   | 151   | 23                     | 26   | 519                              | 25               | 219   | 44   | 21   | 18   | 5  |
| November  | 42                 | 3,094            | 1,117  | 126   | 44  | 41  | 1,328              | 765    | 314   | 124   | 45                     | 33   | 516                              | 11               | 193   | 31   | 22   | 5    | 4  |
| December  | 36                 | 2,705            | 1,821  | 186   | 64  | 72  | 2,143              | 657    | 179   | 76    | 15                     | 10   | 280                              | 5                | 293   | 25   | 11   | 10   | 4  |
| Total     | 563                | 38,652           | 19,244 | 2,206 | 903 | 836 | 23,189             | 10,927 | 3,494 | 2,004 | 411                    | 339  | 6,248                            | 230              | 3,140 | 398  | 165  | 179  | 54 |



TABLE No. II.—Statement showing the amount of work done in connection with Out-going Vessels bound for Ports beyond India during the year ending the 31st December 1929—concl'd.

| Month.    | Diseases. |      |      |      | Disposal of Sick. |      |      |      | Disinfection. |       |       |       | Fumigation with Clayton Apparatus at Agent's request. |       |       |       | Vaccination. |       |
|-----------|-----------|------|------|------|-------------------|------|------|------|---------------|-------|-------|-------|---|-------|-------|-------|--------------|-------|
|           | (21)      | (22) | (23) | (24) | (25)              | (26) | (27) | (28) | (29)          | (30)  | (31)  | (32)  | (33)  | (34)  | (35)  | (36)  | (37)         | (38)  |
| January   | ...       | ...  | ...  | 1    | ...               | 1    | ...  | ...  | 4,510         | 332   | 319   | 680   | ...   | ...   | ...   | ...   | 110          | 88    |
| February  | ...       | ...  | ...  | 1    | ...               | 1    | ...  | ...  | 4,579         | 462   | 183   | 937   | ...   | 1     | 4 30  | 390   | 58           | 51    |
| March     | ...       | ...  | ...  | 6    | 2                 | 4    | ...  | ...  | 6,604         | 570   | 443   | 1,150 | ...   | ...   | ...   | ...   | 142          | 204   |
| April     | ...       | ...  | 2    | 8    | 4                 | 3    | 3    | ...  | 5,790         | 364   | 297   | 886   | 1   | 5 30  | 390   | 218   | 106          |       |
| May       | ...       | ...  | 1    | 7    | 7                 | 7    | 1    | ...  | 6,265         | 552   | 244   | 869   | 2   | 8 45  | 670   | 257   | 213          |       |
| June      | ...       | ...  | 1    | 4    | ...               | 2    | 1    | ...  | 5,081         | 329   | 300   | 831   | 1   | 4 30  | 390   | 68    | 290          |       |
| July      | ...       | ...  | ...  | 2    | 2                 | 1    | ...  | ...  | 4,421         | 250   | 141   | 497   | 5   | 22 30 | 2015  | 111   | 227          |       |
| August    | ...       | ...  | ...  | 5    | 3                 | 2    | ...  | ...  | 4,878         | 379   | 226   | 547   | 1   | 6 0   | 390   | 105   | 143          |       |
| September | ...       | ...  | ...  | 3    | ...               | 3    | ...  | ...  | 5,449         | 394   | 282   | 762   | 1   | 1 0   | 450   | 173   | 136          |       |
| October   | ...       | ...  | ...  | 5    | ...               | 5    | ...  | ...  | 4,994         | 283   | 219   | 621   | 4   | 26 0  | 625   | 183   | 67           |       |
| November  | ...       | 1    | ...  | 3    | ...               | 3    | 1    | ...  | 4,422         | 350   | 193   | 616   | 2   | 10 0  | 840   | 86    | 47           |       |
| December  | ...       | ...  | ...  | 4    | 4                 | 1    | ...  | ...  | 4,848         | 293   | 293   | 569   | 1   | 6 0   | 450   | 60    | 89           |       |
| Total     | ...       | 1    | 4    | 49   | 15                | 33   | 6    | ...  | 61,841        | 4,558 | 3,140 | 8,965 | 19  | 5,590 | 94 45 | 6,610 | 1,571        | 1,661 |

TABLE No. III.—Statement showing the Infectious and other diseases reported and detected on In-coming Sea-going and Riverine Vessels during the year ending the 31st December 1929.

| Diseases.                 | Sea-going.             |            | Riverine.     |                        | In Port.   |                        | Disposal of cases. |                           |               |                   |                                |                          |                      | Corpses.           |                 |                     |                           | Total. (26) |             |                     |                        |                           |                           |                      |                         |     |     |
|---------------------------|------------------------|------------|---------------|------------------------|------------|------------------------|--------------------|---------------------------|---------------|-------------------|--------------------------------|--------------------------|----------------------|--------------------|-----------------|---------------------|---------------------------|-------------|-------------|---------------------|------------------------|---------------------------|---------------------------|----------------------|-------------------------|-----|-----|
|                           | Number of vessels. (2) | Cases.     |               | Number of vessels. (6) | Cases. (7) | Number of vessels. (8) | Cases. (9)         | Contagious Diseases. (10) | Hospitals.    |                   |                                | M. O. Survey Party. (15) | Leprosy Asylum. (16) | Rangoon Jail. (17) | Residence. (18) | Left on Board. (19) | Left at other Ports. (20) |             | Total. (21) | Buried at sea. (22) | Rangoon Mortuary. (23) | Buried by relatives. (24) | Left at other Ports. (25) |                      |                         |     |     |
|                           |                        | Total. (3) | Reported. (4) |                        |            |                        |                    |                           | Detected. (5) | Observation. (11) | Rangoon General Hospital. (12) |                          |                      |                    |                 |                     |                           |             |             |                     |                        |                           |                           | Lunatic Asylum. (13) | Military Hospital. (14) |     |     |
| Plague                    | ...                    | 14         | 14            | ...                    | 2          | ...                    | 6                  | ...                       | 10            | ...               | ...                            | ...                      | ...                  | ...                | ...             | 1                   | ...                       | 9           | 1           | ...                 | 1                      | ...                       | ...                       | ...                  | 11                      | ... |     |
| Cholera                   | ...                    | 8          | 2             | 6                      | ...        | 3                      | 3                  | 1                         | 10            | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | 11                        | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | 11  | ... |
| Small-pox                 | ...                    | 24         | 6             | 24                     | ...        | 3                      | 3                  | 1                         | 30            | ...               | ...                            | ...                      | ...                  | 1                  | ...             | ...                 | 33                        | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Chicken-pox               | ...                    | 4          | 3             | 2                      | ...        | 2                      | 2                  | 1                         | 7             | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | 7                         | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Measles                   | ...                    | 13         | 11            | 7                      | ...        | ...                    | ...                | 1                         | 17            | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | 18                        | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Mumps                     | ...                    | ...        | ...           | ...                    | ...        | ...                    | ...                | ...                       | ...           | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | ...                       | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Typhoid                   | ...                    | 1          | 1             | ...                    | ...        | ...                    | ...                | ...                       | 1             | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | ...                       | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Cerebro-spinal meningitis | ...                    | 2          | 1             | 2                      | ...        | ...                    | ...                | ...                       | 1             | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | ...                       | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Influenza                 | ...                    | 1          | 1             | ...                    | ...        | ...                    | ...                | ...                       | ...           | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | ...                       | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Dengue                    | ...                    | 624        | 47            | 577                    | ...        | ...                    | ...                | 624                       | ...           | 1                 | ...                            | ...                      | ...                  | ...                | ...             | ...                 | 625                       | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Suspicious illness        | ...                    | 329        | 63            | 266                    | ...        | ...                    | 25                 | 44                        | 30            | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | 354                       | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Ordinary illness          | ...                    | 18         | 19            | 17                     | ...        | ...                    | ...                | ...                       | ...           | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | 19                        | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Leprosy                   | ...                    | 1          | 1             | ...                    | ...        | ...                    | ...                | 1                         | ...           | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | 1                         | ...         | ...         | ...                 | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Enlarged Glands           | ...                    | 15         | 16            | ...                    | ...        | ...                    | 3                  | ...                       | ...           | ...               | ...                            | ...                      | ...                  | ...                | ...             | ...                 | ...                       | 11          | ...         | 5                   | ...                    | ...                       | ...                       | ...                  | ...                     | ... | ... |
| Deaths (ordinary)         | ...                    | 98         | 168           | 901                    | 4          | 5                      | 17                 | 42                        | 105           | 672               | 57                             | 1                        | 13                   | 7                  | 108             | 113                 | 3                         | 20          | 6           | 4                   | 2                      | 2                         | ...                       | ...                  | ...                     | ... | 32  |
| Total                     | ...                    | 98         | 168           | 901                    | 4          | 5                      | 17                 | 42                        | 105           | 672               | 57                             | 1                        | 13                   | 7                  | 108             | 113                 | 3                         | 20          | 6           | 4                   | 2                      | 2                         | ...                       | ...                  | ...                     | ... | 32  |

## APPENDIX E.

List showing the Number of Copies of Publications Distributed from the Hygiene Publicity Bureau, during 1929.

*Public Health Series.*

| Title of the Publications.<br>(1)  | Number of the Publications.<br>(2) | Language.<br>(3)        | Number of copies distributed.<br>(4) |
|--|------------------------------------|-------------------------|--------------------------------------|
| Care of Infants ... ..   | A                                  | In Burmese ...          | 12,831                               |
| Babies' Food ... ..  | B                                  | Do. ...                 | 13,681                               |
| Babies' Language ... ..  | C                                  | Do. ...                 | 4,374                                |
| Babies' Development ... ..   | D                                  | Do. ...                 | 5,331                                |
| Why do Babies Cry? ... ..  | E                                  | Do. ...                 | 6,900                                |
| Small-pox, Cholera and Plague ... ..   | 1                                  | Do. ...                 | 27,832                               |
| Small-pox and Vaccination ... ..   | 2                                  | Do. ...                 | 46,756                               |
| Malaria and How to Prevent it ... ..   | 3                                  | Do. ...                 | 15,875                               |
| Note on Hygiene ... ..   | 4                                  | Do. ...                 | 15,025                               |
| An outline of a Talk on Care of Babies ... ..  | 5                                  | Do. ...                 | 5,675                                |
| The Village Well ... ..  | 6A                                 | Do. ...                 | 30,525                               |
| Do. ... ..   | 6                                  | In English ...          | 7,811                                |
| The Careless Boatmen ... ..  | 7                                  | In English and Burmese. | 2,331                                |
| The Wicked Nat (Plague) ... ..   | 8                                  | In Burmese ...          | 41,806                               |
| Do. ... ..   | 8A                                 | In English ...          | 12,837                               |
| Facts about Venereal Disease (For men) ... ..  | 9                                  | Do. ...                 | 9,794                                |
| Do. (For men) ... ..   | 9A                                 | In Burmese ...          | 20,281                               |
| Prophylactic Inoculation against Cholera... ..   | 10                                 | In English ...          | 5,451                                |
| Do. ... ..   | 10A                                | In Burmese ...          | 12,056                               |
| Feeding of Children ... ..   | 11                                 | Do. ...                 | 9,324                                |
| Facts about Venereal Disease (For women) ... ..  | 12                                 | In English ...          | 3,744                                |
| Do. (For women) ... ..   | 13                                 | In Burmese ...          | 10,731                               |
| Duties of Parents how to keep Babies well ... ..   | 14                                 | Do. ...                 | 7,024                                |
| Hints on Sickness of Babies ... ..   | 15                                 | Do. ...                 | 5,137                                |
| Hook-worm Disease ... ..   | 16                                 | In English or Telugu.   | 6,751                                |
| Do. ... ..   | 17                                 | In Burmese ...          | 6,537                                |
| Leprosy ... ..   | 18                                 | In English ...          | 4,131                                |
| Do. ... ..   | 19                                 | In Burmese ...          | 2,626                                |
| Consumption ... ..   | 20                                 | In English ...          | 4,389                                |
| Do. ... ..   | 21                                 | In Burmese ...          | 8,987                                |
| A Dialogue on Plague ... ..  | 22                                 | In English ...          | 2,171                                |
| Do. ... ..   | 23                                 | In Burmese ...          | 3,156                                |
| Cholera and its Preventive Measures ... ..   | 24                                 | Do. ...                 | 9,324                                |
| Happiness destroyed or the Story of the Blind Boy and the Ugly Girl (Small-pox and its prevention). ... .. | 25                                 | In English ...          | 9,786                                |
| Do. ... ..   | 26                                 | In Burmese ...          | 62,106                               |
| Flies ... ..   | 27                                 | In English ...          | 10,047                               |
| Do. ... ..   | 28                                 | In Burmese ...          | 31,631                               |
| Blindness amongst Babies ... ..  | 29                                 | In English ...          | 7,453                                |
| Do ... ..  | 30                                 | In Burmese ...          | 5,031                                |
| Malaria and Mosquitoes ... ..  | 31                                 | In English ...          | 4,209                                |
| Do ... ..  | 32                                 | In Burmese ...          | 21,310                               |
| Mosquitoes ... ..  | 33                                 | In English ...          | 4,147                                |

*Public Health Series—contd.*

| Title of the Publications.<br>(1)   | Number of the Publications.<br>(2) | Language.<br>(3) | Number of copies distributed.<br>(4) |
|---|------------------------------------|------------------|--------------------------------------|
| Mosquitoes ... ..   | 34                                 | In Burmese ...   | 4,812                                |
| Vaccination and Inoculation ... ..  | 35                                 | Do. ...          | 26,641                               |
| Antenatal Care and Confinement ... ..   | 36                                 | In English ...   | 6,488                                |
| Do. ... ..  | 37                                 | In Burmese ...   | 16,030                               |
| Sanitation of Fairs and Pagoda Festivals ... ..   | 38                                 | In English ...   | 3,476                                |
| Do. ... ..  | 39                                 | In Burmese ...   | 5,780                                |
| Village Sanitation ... ..   | 40                                 | In English ...   | 5,574                                |
| Do. ... ..  | 41                                 | In Burmese ...   | 10,412                               |
| Prevention of Influenza ... ..  | 42                                 | Do. ...          | 6,737                                |
| Do. ... ..  | 43                                 | In English ...   | 2,144                                |
| Rabies ... ..   | 44                                 | Do. ...          | 1,576                                |
| Do. ... ..  | 45                                 | In Burmese ...   | 4,077                                |
| Dysentery ... ..  | 46                                 | In English ..    | 4,946                                |
| Do. ... ..  | 47                                 | In Burmese ...   | 16,538                               |
| Prevention is better than Cure (Plague and evacuation).<br>Do. ... ..   | 48                                 | Do. ...          | 29,725                               |
| Do. ... ..  | 48(a)                              | In English ...   | 1,006                                |
| One of the Enemies of Mankind (Malaria)   | 49                                 | In Burmese ...   | 1,831                                |
| Dangers of Shallow Wells ... ..   | 50                                 | Do. ...          | 10,915                               |
| Measles and its Prevention ... ..   | 51                                 | In English ...   | 1,645                                |
| Do. ... ..  | 52                                 | In Burmese ...   | 4,031                                |
| A Lesson on Consumption ... ..  | 53                                 | Do. ...          | 3,656                                |
| A Lesson on Malaria ... ..  | 54                                 | Do. ...          | 3,074                                |
| A Wise Collegian. (Flies and communicable diseases).  | 55                                 | Do. ...          | 28,162                               |
| Notes on Personal Hygiene ... ..  | 56                                 | Do. ...          | 13,235                               |
| The Dangers of Small-pox ... ..   | 57                                 | In English ...   | 3,960                                |
| Do. ... ..  | 58                                 | In Burmese ...   | 5,831                                |
| A Lesson on Microbes ... ..   | 59                                 | Do. ...          | 1,117                                |
| The Story of Maung Maik the Leper ... ..  | 60                                 | Do. ...          | 13,348                               |
| Do. ... ..  | 60A                                | In English ...   | 305                                  |
| Child Welfare ... ..  | 61                                 | Do. ...          | 3,746                                |
| Do. ... ..  | 62                                 | In Burmese ...   | 10,230                               |
| A few Useful Hints ... ..   | 63                                 | Do. ...          | 1,690                                |
| A few more Facts about Leprosy ... ..   | 64                                 | Do. ...          | 5,174                                |
| Facts about Respiratory Diseases ... ..   | 65                                 | Do. ...          | 1,980                                |
| Evil of Opium ... ..  | 66                                 | Do. ...          | 1,824                                |
| Typhoid Fever and its Prevention ... ..   | 67                                 | Do. ...          | 2,848                                |
| The abuse of Alcohol ... ..   | 68                                 | In English ...   | 1,556                                |
| Do. ... ..  | 69                                 | In Burmese ...   | 3,787                                |
| Trachoma ; its nature, etc. ... ..  | 70                                 | In English ...   | 2,046                                |
| Do. ... ..  | 71                                 | In Burmese ...   | 7,001                                |
| An Open Letter to the Parents of School Children. A topic on the Medical Inspection of School Children.<br>Do. ... .. | 72                                 | In English ...   | 1,906                                |
| Do. ... ..  | 73                                 | In Burmese ...   | 4,956                                |
| What Children should know : A talk on Opium Habit.<br>Do. ... ..  | 74                                 | In English ...   | 1,071                                |
| Do. ... ..  | 75                                 | In Burmese ...   | 3,112                                |
| What Young men should know. (A topic on venereal disease).<br>Do. ... ..  | 76                                 | In English ...   | 1,619                                |
| Do. ... ..  | 77                                 | In Burmese ...   | 1,656                                |
| A Dialogue on Cholera ... ..  | 78                                 | In English ...   | 1,159                                |
| Do ... ..   | 79                                 | In Burmese ...   | 15,831                               |
| The Village Well or the Story of Maung Lu Byo and Ma Saw May (Cholera).<br>Do. ... ..                                 | 80                                 | In English ...   | 5,554                                |
| Do. ... ..  | 81                                 | In Burmese ...   | 9,287                                |

*Public Health Series—concl'd.*

| Title of the Publications.<br>(1)   | Number<br>of the<br>Publica-<br>tions.<br>(2) | Language.<br>(3) | Number of<br>copies<br>distributed.<br>(4) |
|---|---|------------------|--|
| Yaws ... ..   | 82  | In English ...   | 1,101                                      |
| Do. ... ..  | 83  | In Burmese ...   | 1,505                                      |
| A Wise Collegian ... ..   | 84  | In English ...   | 619  |
| Notes on Personal Hygiene ... ..  | 85  | Do. ...          | 350  |
| Influenza ... ..  | 86  | Do. ...          | 649  |
| Do. ... ..  | 87  | In Burmese ...   | 1,901                                      |
| Care of Children's Teeth ... ..   | 88  | In English ...   | 1,821                                      |
| Do. ... ..  | 89  | In Burmese ...   | 2,062                                      |
| Beri-beri ... ..  | 90  | In English ...   | 8,046                                      |
| Do. ... ..  | 91  | In Burmese ...   | 15,312                                     |
| Tonsils and Adenoids ... ..   | 92  | Do. ...          | ...  |
| Health, Habits and Customs ... ..   | 93  | In English ...   | 1,071                                      |
| Do. ... ..  | 94  | In Burmese ...   | ...  |
| Instructions for the Sterilisation of Wells<br>by means of Tropical Chloride of lime. | 95  | In English ...   | 3,581                                      |
| Total ... ..  | ...   | ...              | 950,038                                    |

*Public Health Cards.*

|  |     |                |         |
|--|-----|----------------|---------|
| Prevention of Blindness amongst Boys and<br>Girls. | 1   | In English ... | 2,044   |
| Do. ... ..   | 2   | In Burmese ... | 7,230   |
| Prevention of Blindness amongst Men and<br>Women.  | 3   | In English ... | 2,399   |
| Do. ... ..   | 4   | In Burmese ... | 4,530   |
| Instructions for Prevention of Consumption         | 5   | In English ... | 2,019   |
| Do. ... ..   | 6   | In Burmese ... | 6,825   |
| Instructions for Prevention of Cholera ...         | 7   | In English ... | 6,239   |
| Do. ... ..   | 8   | In Burmese ... | 10,900  |
| Instructions for Prevention of Malaria ...         | 9   | In English ... | 1,724   |
| Do. ... ..   | 10  | In Burmese ... | 6,025   |
| Instructions for Prevention of Small-pox ...       | 11  | In English ... | 2,239   |
| Do. ... ..   | 12  | In Burmese ... | 14,325  |
| Instructions for Prevention of Plague ...          | 13  | Do. ...        | 15,968  |
| Instructions for Prevention of Measles ...         | 14  | In Burmese ... | 3,368   |
| Instructions for Prevention of Dysentery ...       | 15  | Do. ...        | 3,125   |
| Instruction for Prevention of Flies ...            | 16  | Do. ...        | 6,668   |
| Common Colds ... ..                                | 17  | In English ... | 1,276   |
| Do. ... ..   | 18  | In Burmese ... | 3,418   |
| Chicken-pox and its Prevention ... ..              | 19  | In English ... | 1,319   |
| Do. ... ..   | 20  | In Burmese ... | 1,775   |
| Instructions regarding Fresh Air ... ..            | 21  | In English ... | 2,589   |
| Do. ... ..   | 22  | In Burmese ... | 3,425   |
| Advice to Mothers (Vaccination) ... ..             | 23  | In English ... | 4,249   |
| Do. ... ..   | 24  | In Burmese ... | 11,375  |
| Syphilis ... ..                                    | 25  | In English ... | 514     |
| Do. ... ..   | 26  | In Burmese ... | 900     |
| Gonorrhœa ... ..                                   | 27  | In English ... | 569     |
| Do. ... ..   | 28  | In Burmese ... | 800     |
| The Rules of Health for Children ... ..            | 29  | In English ... | 917     |
| Do. ... ..   | 30  | In Burmese ... | 1,600   |
| Total ... ..                                       | ... | ...            | 130,354 |

*Public Health Lectures.*

| Title of the Publications.<br>(1)                | Number of the Publications.<br>(2) | Language.<br>(3) | Number of copies distributed.<br>(4) |
|--|------------------------------------|------------------|--------------------------------------|
| A Magic Lantern Lecture on Tuberculosis          | 1                                  | In English ...   | 124                                  |
| A Magic Lantern Lecture on Cholera ...           | 2                                  | Do. ...          | 55                                   |
| A Lecture on Cholera ... ..                      | 3                                  | Do. ...          | 135                                  |
| Do. ... ..                                       | 4                                  | In Burmese ...   | 16                                   |
| A Magic Lantern Lecture on Tuberculosis          | 5                                  | Do. ...          | 15                                   |
| A Magic Lantern Lecture on Plague ...            | 6                                  | In English ...   | 153                                  |
| Do. ... ..                                       | 7                                  | In Burmese ...   | 28                                   |
| The Danger of Flies and how they spread Disease. | 8                                  | In English ...   | 129                                  |
| A Lecture on Venereal Disease ...                | 9                                  | Do. ...          | 136                                  |
| Do. ... ..                                       | 10                                 | In Burmese ...   | 6                                    |
| A Magic Lantern Lecture on Child-welfare         | 11                                 | In English ...   | 126                                  |
| A Lecture on Child-welfare ...                   | 12                                 | In Burmese ...   | 63                                   |
| A Lecture on Consumption ... ..                  | 13                                 | In English ...   | 171                                  |
| Do. ... ..                                       | 14                                 | In Burmese ...   | 16                                   |
| A Magic Lantern Lecture on Child-welfare         | 15                                 | Do. ...          | 11                                   |
| A Magic Lantern Lecture on Cholera ...           | 16                                 | Do ...           | 6                                    |
| Lecture on Rabies or Canine Madness ...          | 17                                 | In English ...   | 149                                  |
| Do. ... ..                                       | 18                                 | In Burmese ...   | 205                                  |
| Lecture on Hook-worm Disease ...                 | 19                                 | In English ...   | 119                                  |
| Do. ... ..                                       | 20                                 | In Burmese ...   | 205                                  |
| Lecture on Health Education for Schools...       | 21                                 | In English ...   | 622                                  |
| Total ...  | ...                                | ...              | 2,490                                |

*Public Health Posters.*

|                  |     |                |       |
|------------------|-----|----------------|-------|
| Small-pox ... .. | 1   | In Burmese ... | 2,162 |
| Cholera ... ..   | 2   | Do. ...        | 3,112 |
| Fly ... ..       | 3   | Do. ...        | 2,063 |
| Total ...        | ... | ...            | 7,337 |

*Hand Bills.*

|                               |     |                |     |
|-------------------------------|-----|----------------|-----|
| Health and Cleanliness ... .. | 1   | In English ... | 51  |
| Do. ... ..                    | 2   | In Burmese ... | 100 |
| Total ...                     | ... | ...            | 151 |

|  |     |                  |
|--|-----|------------------|
| Total of Public Health Series distributed              | ... | 950,038          |
| Total of Public Health Cards distributed               | ... | 130,354          |
| Total of Public Health Posters distributed             | ... | 7,337            |
| Total of Public Health Lectures distributed            | ... | 2,490            |
| Total of Public Health Handbills distributed           | ... | 151              |
| Total distributed to the public                        | ... | 1,090,370        |
| Total supplied to the Department of Public Instruction | ... | 301,600          |
| <b>GRAND TOTAL</b>                                     | ... | <b>1,391,970</b> |

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*Statement A.*

STATEMENT A.—Statement showing Total Income from all sources and Expenditure on

| Name of Division.             | Total receipts including opening balance. | Total Expenditure on Public Health purposes. | Amount          |                              |                 |                              |
|-------------------------------|---|--|-----------------|------------------------------|-----------------|------------------------------|
|                               |   |  | Water supply.   |                              | Drainage.       |                              |
|                               |   |  | Capital outlay. | Establishment, repairs, etc. | Capital outlay. | Establishment, repairs, etc. |
|                               | Rs.                                       | Rs.  | Rs.             | Rs.                          | Rs.             | Rs.                          |
| <b>Towns in—</b>              |   |  |                 |                              |                 |                              |
| Arakan Division ...           | 3,48,918                                  | 1,95,664                                     | ...             | 32,914                       | 34,061          | 726                          |
| Pegu Division ...             | 2,18,24,902                               | 43,86,730                                    | 2,93,622        | 8,41,200                     | 1,68,248        | 3,31,132                     |
| Irrawaddy Division ...        | 22,49,402                                 | 6,04,240                                     | 7,154           | 43,682                       | 16,892          | 6,127                        |
| Tenasserim Division ...       | 17,07,222                                 | 3,52,299                                     | 163             | 16,948                       | ...             | 1,766                        |
| Magwe Division ...            | 10,60,059                                 | 5,73,192                                     | 2,27,448        | 99,406                       | ...             | 9,285                        |
| Mandalay Division ...         | 31,03,639                                 | 11,10,968                                    | 2,71,492        | 51,888                       | 37,828          | 24,820                       |
| Sagaing Division ...          | 6,94,175                                  | 1,87,490                                     | 32,823          | 16,547                       | ...             | 2,388                        |
| Total ...                     | 3,09,88,317                               | 74,10,583                                    | 8,32,702        | 11,02,585                    | 2,57,029        | 3,76,244                     |
| <b>Districts in —</b>         |   |  |                 |                              |                 |                              |
| Arakan Division ...           | 8,35,025                                  | 54,562                                       | 2,815           | ...                          | ...             | ...                          |
| Pegu Division ...             | 46,27,645                                 | 2,35,975                                     | 36,510          | 19,458                       | ...             | ...                          |
| Irrawaddy Division ...        | 37,87,834                                 | 2,07,553                                     | 29,751          | 1,791                        | ...             | ...                          |
| Tenasserim Division ...       | 27,81,407                                 | 73,416                                       | 1,645           | 50                           | ...             | ...                          |
| Magwe Division ...            | 12,16,187                                 | 1,07,038                                     | ...             | 8,507                        | ...             | ...                          |
| Mandalay Division ...         | 17,00,771                                 | 2,97,120                                     | 15,866          | 29,484                       | ...             | 8,471                        |
| Sagaing Division ...          | 20,14,306                                 | 1,87,627                                     | 2,415           | 17,462                       | 13,633          | 2,282                        |
| Total ...                     | 1,69,63,175                               | 11,63,291                                    | 89,002          | 76,752                       | 13,633          | 10,753                       |
| <b>GRAND TOTAL, BURMA</b> ... | 4,79,51,492                               | 85,73,874                                    | 9,21,704        | 11,79,337                    | 2,70,662        | 3,86,997                     |
| <b>Federated Shan States—</b> |   |  |                 |                              |                 |                              |
| Towns ...                     | 2,84,124                                  | 77,674                                       | 4,315           | 3,290                        | 3,554           | 7,326                        |
| Rural areas ...               | 84,59,898                                 | 68,289                                       | 1,500           | 2,225                        | 2,600           | 617                          |
| Total ...                     | 87,44,022                                 | 1,45,963                                     | 5,815           | 5,515                        | 6,154           | 7,943                        |



*Public Health purposes during the financial year 1928-29.*

spent on

| Conservancy<br>(including road<br>cleaning and<br>watering) and<br>latrines. | Epidemic<br>charges (includ-<br>ing plague). | Vaccination. | Registration<br>of births and<br>deaths. | Markets and<br>slaughter-houses. | Charges on<br>account of Health<br>Officers and<br>Public Health<br>Inspectors. | Other sanitary<br>requirements. |
|--|--|--------------|--|----------------------------------|---|---------------------------------|
| Rs.  | Rs.  | Rs.          | Rs.                                      | Rs.                              | Rs.   | Rs.                             |
| 86,236   | 2,874  | 1,747        | 1,164                                    | 16,679                           | 11,889  | 7,374                           |
| 16,19,642  | 9,399  | 11,013       | 1,09,258                                 | 4,89,517                         | 2,95,944  | 2,17,755                        |
| 2,73,575   | 17,706                                       | 8,976        | 6,799                                    | 1,62,777                         | 43,051  | 17,501                          |
| 2,28,471   | 1,852  | 6,938        | 7,538                                    | 55,362                           | 29,942  | 3,319                           |
| 1,20,138   | 4,772  | 5,052        | 3,653                                    | 89,124                           | 8,334   | 5,980                           |
| 4,45,383   | 13,134                                       | 10,128       | 10,719                                   | 1,53,796                         | 65,042  | 26,738                          |
| 88,165   | 1,527  | 2,677        | 1,069                                    | 22,095                           | 4,311   | 15,888                          |
| 28,61,610  | 51,264                                       | 46,531       | 1,40,200                                 | 9,89,350                         | 4,58,513  | 2,94,555                        |
| 9,088  | 7,963  | 19,693       | ...                                      | 9,534                            | 4,869   | 600                             |
| 52,760   | 8,062  | 46,453       | ...                                      | 49,417                           | 20,483  | 2,832                           |
| 41,697   | 10,492                                       | 58,574       | ...                                      | 45,293                           | 18,491  | 1,464                           |
| 19,015   | 3,158  | 41,279       | ...                                      | 60                               | 6,153   | 2,056                           |
| 38,877   | 13,948                                       | 29,841       | ...                                      | 15,163                           | 352   | 350                             |
| 1,20,578   | 15,312                                       | 28,083       | 266                                      | 64,612                           | 13,424  | 1,024                           |
| 55,749   | 8,111  | 46,719       | ...                                      | 20,713                           | 15,408  | 5,135                           |
| 3,37,764   | 67,046                                       | 2,70,642     | 266                                      | 2,04,792                         | 79,180  | 13,461                          |
| 31,99,374  | 1,18,310                                     | 3,17,173     | 1,40,466                                 | 11,94,142                        | 5,37,693  | 3,08,016                        |
| 37,810   | 200  | 402          | 240                                      | 5,309                            | 10,628  | 4,600                           |
| 26,428   | 286  | 19,276       | ...                                      | 5,270                            | 7,740   | 2,347                           |
| 64,238   | 486  | 19,678       | 240                                      | 10,579                           | 18,368  | 6,947                           |

## ANNUAL STATEMENT NO. I.--Births registered in the

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Population according to Census of 1921. |           |            | 4<br>Number of births registered. |         |         |
|----------------------|-------------------------------|--|-----------|------------|-----------------------------------|---------|---------|
|                      |                               | Male.  | Female.   | Total.     | Male.                             | Female. | Total.  |
| ARAKAN DIVISION.     |                               |  |           |            |                                   |         |         |
| 1                    | Akyab ... ..                  | 308,317                                      | 265,723   | 574,040    | 7,345                             | 6,859   | 14,204  |
| 2                    | Kyaukpyu ... ..               | 96,569                                       | 103,304   | 199,873    | 2,282                             | 2,181   | 4,463   |
| 3                    | Sandoway ... ..               | 55,304                                       | 56,725    | 112,029    | 2,362                             | 2,192   | 4,554   |
| PEGU DIVISION.       |                               |  |           |            |                                   |         |         |
| 4                    | Rangoon ... ..                | 238,716                                      | 106,789   | 345,505    | 4,248                             | 3,935   | 8,183   |
| 5                    | Pegu ... ..                   | 235,324                                      | 210,296   | 445,620    | 5,800                             | 5,413   | 11,293  |
| 6                    | Tharrawaddy ... ..            | 246,261                                      | 246,168   | 492,429    | 5,486                             | 4,973   | 10,459  |
| 7                    | Hanthawaddy ... ..            | 201,043                                      | 163,581   | 364,624    | 4,633                             | 4,411   | 9,044   |
| 8                    | Insein ... ..                 | 154,767                                      | 134,773   | 289,540    | 3,649                             | 3,437   | 7,086   |
| 9                    | Prome ... ..                  | 182,803                                      | 188,772   | 371,575    | 5,686                             | 5,282   | 10,968  |
| IRRAWADDY DIVISION.  |                               |  |           |            |                                   |         |         |
| 10                   | Bassein ... ..                | 252,947                                      | 236,526   | 489,473    | 5,055                             | 4,837   | 9,892   |
| 11                   | Henzada ... ..                | 273,439                                      | 277,481   | 550,920    | 7,322                             | 6,915   | 14,237  |
| 12                   | Myaungmya ... ..              | 196,757                                      | 173,794   | 370,551    | 4,127                             | 4,028   | 8,155   |
| 13                   | Maubin ... ..                 | 168,513                                      | 161,593   | 330,106    | 3,812                             | 3,811   | 7,623   |
| 14                   | Pyapôn ... ..                 | 156,721                                      | 132,273   | 288,994    | 3,727                             | 3,527   | 7,254   |
| TENASSERIM DIVISION. |                               |  |           |            |                                   |         |         |
| 15                   | Thatôn ... ..                 | 245,909                                      | 225,191   | 471,100    | 4,617                             | 4,428   | 9,045   |
| 16                   | Amherst ... ..                | 223,348                                      | 194,562   | 417,910    | 7,495                             | 7,076   | 14,571  |
| 17                   | Tavoy ... ..                  | 80,994                                       | 75,792    | 156,786    | 3,111                             | 2,952   | 6,063   |
| 18                   | Mergui ... ..                 | 72,878                                       | 62,587    | 135,465    | 2,855                             | 2,622   | 5,477   |
| 19                   | Toungoo ... ..                | 197,505                                      | 184,378   | 381,883    | 3,583                             | 3,358   | 6,941   |
| MAGWE DIVISION.      |                               |  |           |            |                                   |         |         |
| 20                   | Thayetmyo ... ..              | 125,283                                      | 130,123   | 255,406    | 3,890                             | 3,680   | 7,570   |
| 21                   | Minbu ... ..                  | 134,495                                      | 139,807   | 274,302    | 3,972                             | 3,779   | 7,751   |
| 22                   | Magwe ... ..                  | 211,686                                      | 211,566   | 423,252    | 4,181                             | 4,094   | 8,275   |
| 23                   | Pakôkku ... ..                | 223,943                                      | 241,828   | 465,771    | 7,260                             | 7,264   | 14,524  |
| MANDALAY DIVISION.   |                               |  |           |            |                                   |         |         |
| 24                   | Mandalay ... ..               | 182,999                                      | 173,622   | 356,621    | 6,939                             | 6,137   | 13,076  |
| 25                   | Kyaukse ... ..                | 70,449                                       | 72,228    | 142,677    | 2,500                             | 2,405   | 4,905   |
| 26                   | Meiktila ... ..               | 137,573                                      | 152,324   | 289,897    | 4,353                             | 4,252   | 8,605   |
| 27                   | Myingyan ... ..               | 213,294                                      | 228,714   | 442,008    | 4,766                             | 4,738   | 9,504   |
| 28                   | Yamêthin ... ..               | 160,913                                      | 162,276   | 323,189    | 5,272                             | 4,914   | 10,186  |
| SAGAING DIVISION.    |                               |  |           |            |                                   |         |         |
| 29                   | Shwebo ... ..                 | 179,483                                      | 200,533   | 380,016    | 5,678                             | 5,424   | 11,102  |
| 30                   | Sagaing ... ..                | 155,054                                      | 171,854   | 326,908    | 5,052                             | 4,963   | 10,015  |
| 31                   | Lower Chindwin ... ..         | 161,918                                      | 192,230   | 354,148    | 5,649                             | 5,328   | 10,977  |
| Total ... ..         |                               | 5,545,205                                    | 5,277,413 | 10,822,618 | 146,787                           | 139,215 | 286,002 |

## Districts of Burma during the year 1929. (Paragraph 8)

| 5  |         |        | 6  | 7   | 8   | 9  |         |        | 1   |
|--|---------|--------|--|---|---|--|---------|--------|-----|
| Ratio of births per 1,000 of population. |         |        | Number of males born to every hundred females. | Excess of births over deaths per 1,000 of population. | Excess of deaths over births per 1,000 of population. | Mean ratio of births per 1,000 during previous five years. |         |        | No. |
| Male.                                    | Female. | Total. |  |   |   | Male.  | Female. | Total. |     |
| 12·80                                    | 11·95   | 24·74  | 107  | 5   | ...   | 13·17  | 11·98   | 25·15  | 1   |
| 11·42                                    | 10·91   | 22·33  | 105  | 4   | ...   | 9·21   | 8·41    | 17·62  | 2   |
| 21·08                                    | 19·57   | 40·65  | 108  | 18  | ...   | 18·64  | 18·00   | 36·65  | 3   |
| 12·30                                    | 11·39   | 23·68  | 108  | ...   | 8   | 10·44  | 9·84    | 20·28  | 4   |
| 13·20                                    | 12·15   | 25·34  | 109  | 4   | ...   | 11·89  | 11·20   | 23·09  | 5   |
| 11·14                                    | 10·10   | 21·24  | 110  | 5   | ...   | 12·21  | 11·58   | 23·80  | 6   |
| 12·71                                    | 12·10   | 24·80  | 105  | 8   | ...   | 12·59  | 11·92   | 24·51  | 7   |
| 12·60                                    | 11·87   | 24·47  | 106  | 5   | ...   | 11·77  | 11·04   | 22·81  | 8   |
| 15·30                                    | 14·22   | 29·52  | 108  | 7   | ...   | 16·54  | 15·80   | 32·34  | 9   |
| 10·33                                    | 9·88    | 20·21  | 105  | 4   | ...   | 12·49  | 11·82   | 24·32  | 10  |
| 13·29                                    | 12·55   | 25·84  | 106  | 9   | ...   | 14·19  | 13·52   | 27·70  | 11  |
| 11·14                                    | 10·87   | 22·01  | 102  | 5   | ...   | 10·16  | 9·75    | 19·91  | 12  |
| 11·55                                    | 11·54   | 23·09  | 100  | 5   | ...   | 13·07  | 12·15   | 25·23  | 13  |
| 12·90                                    | 12·20   | 25·10  | 106  | 3   | ...   | 9·88   | 9·18    | 19·06  | 14  |
| 9·80                                     | 9·40    | 19·20  | 104  | 7   | ...   | 9·70   | 8·90    | 18·61  | 15  |
| 17·93                                    | 16·93   | 34·87  | 106  | 17  | ...   | 15·62  | 14·55   | 30·18  | 16  |
| 19·84                                    | 18·83   | 38·67  | 105  | 17  | ...   | 19·49  | 18·70   | 38·19  | 17  |
| 21·08                                    | 19·36   | 40·43  | 109  | 20  | ...   | 16·25  | 15·04   | 31·29  | 18  |
| 9·38                                     | 8·79    | 18·18  | 107  | 4   | ...   | 9·96   | 9·38    | 19·33  | 19  |
| 15·23                                    | 14·41   | 29·64  | 106  | 7   | ...   | 14·78  | 13·89   | 28·66  | 20  |
| 14·48                                    | 13·78   | 28·26  | 105  | ...   | 5   | 15·50  | 14·75   | 30·25  | 21  |
| 9·88                                     | 9·67    | 19·55  | 102  | 3   | ...   | 12·23  | 11·67   | 23·90  | 22  |
| 15·59                                    | 15·60   | 31·18  | 100  | 5   | ...   | 16·79  | 16·47   | 33·26  | 23  |
| 19·46                                    | 17·21   | 36·67  | 113  | ...   | ...   | 19·91  | 18·71   | 38·62  | 24  |
| 17·52                                    | 16·86   | 34·38  | 104  | ...   | 10  | 18·37  | 17·82   | 36·19  | 25  |
| 15·02                                    | 14·67   | 29·68  | 102  | 6   | ...   | 11·78  | 11·52   | 23·30  | 26  |
| 10·78                                    | 10·72   | 21·50  | 101  | 1   | ...   | 11·54  | 11·00   | 22·53  | 27  |
| 16·31                                    | 15·20   | 31·52  | 107  | 7   | ...   | 14·86  | 14·49   | 29·35  | 28  |
| 14·94                                    | 14·27   | 29·21  | 105  | ...   | 5   | 16·00  | 15·37   | 31·37  | 29  |
| 15·45                                    | 15·18   | 30·64  | 102  | ...   | 3   | 13·31  | 12·95   | 26·26  | 30  |
| 15·95                                    | 15·04   | 31·00  | 106  | ...   | 1   | 16·20  | 15·84   | 32·04  | 31  |
| 13·56                                    | 12·86   | 26·43  | 105  | 4   | ...   | 13·47  | 12·79   | 26·26  |     |

## ANNUAL STATEMENT NO. II.—Statement of Births and Deaths registered in the

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Area in square miles. | 4<br>Average population per square mile. | 5<br>Population (Census 1921). |           |            | 6<br>Births.  |                                     | 7<br>Number of deaths registered. |         |         |
|----------------------|-------------------------------|----------------------------|--|--------------------------------|-----------|------------|---------------|-------------------------------------|-----------------------------------|---------|---------|
|                      |                               |                            |  | Male.                          | Female.   | Total.     | Total number. | Birth-rate per 1,000 of population. | Male.                             | Female. | Total.  |
| ARAKAN DIVISION.     |                               |                            |  |                                |           |            |               |                                     |                                   |         |         |
| 1                    | Akyab ...                     | 5,056                      | 113.54                                   | 308,317                        | 265,723   | 574,040    | 14,204        | 24.74                               | 6,029                             | 5,306   | 11,335  |
| 2                    | Kyaukpyu ...                  | 4,387                      | 45.56                                    | 96,569                         | 103,304   | 199,873    | 4,463         | 22.33                               | 1,883                             | 1,695   | 3,578   |
| 3                    | Sandoway ...                  | 3,784                      | 29.61                                    | 55,304                         | 56,725    | 112,029    | 4,554         | 40.65                               | 1,361                             | 1,219   | 2,580   |
| PEGU DIVISION.       |                               |                            |  |                                |           |            |               |                                     |                                   |         |         |
| 4                    | Rangoon ...                   | 77                         | 4,487.08                                 | 238,716                        | 106,789   | 345,505    | 8,183         | 23.68                               | 6,737                             | 4,243   | 10,980  |
| 5                    | Pegu ...                      | 4,083                      | 109.14                                   | 235,324                        | 210,296   | 445,620    | 11,293        | 25.34                               | 5,248                             | 4,245   | 9,493   |
| 6                    | Tharrawaddy ...               | 2,863                      | 172.00                                   | 246,261                        | 246,168   | 492,429    | 10,459        | 21.24                               | 4,218                             | 3,604   | 7,822   |
| 7                    | Hanthawaddy ...               | 1,866                      | 195.40                                   | 201,043                        | 163,581   | 364,624    | 9,044         | 24.80                               | 3,442                             | 2,775   | 6,217   |
| 8                    | Insein ...                    | 1,903                      | 152.15                                   | 154,767                        | 134,773   | 289,540    | 7,086         | 24.47                               | 3,084                             | 2,692   | 5,776   |
| 9                    | Prome ...                     | 2,915                      | 127.47                                   | 182,803                        | 188,772   | 371,575    | 10,968        | 29.52                               | 4,299                             | 3,945   | 8,244   |
| IRRAWADDY DIVISION.  |                               |                            |  |                                |           |            |               |                                     |                                   |         |         |
| 10                   | Bassein ...                   | 4,127                      | 118.60                                   | 252,947                        | 236,526   | 489,473    | 9,892         | 20.21                               | 4,342                             | 3,435   | 7,777   |
| 11                   | Henzada ...                   | 2,872                      | 191.82                                   | 273,439                        | 277,481   | 550,920    | 14,237        | 25.84                               | 4,690                             | 4,333   | 9,023   |
| 12                   | Myaungmya ...                 | 2,650                      | 139.83                                   | 196,757                        | 173,794   | 370,551    | 8,155         | 22.01                               | 3,575                             | 2,718   | 6,293   |
| 13                   | Ma-ubin ...                   | 1,640                      | 201.28                                   | 168,513                        | 161,593   | 330,106    | 7,623         | 23.09                               | 3,083                             | 2,751   | 5,834   |
| 14                   | Pyapôn ...                    | 2,148                      | 134.54                                   | 156,721                        | 132,273   | 288,994    | 7,254         | 25.10                               | 3,577                             | 2,709   | 6,286   |
| TENASSERIM DIVISION. |                               |                            |  |                                |           |            |               |                                     |                                   |         |         |
| 15                   | Thatôn ...                    | 4,831                      | 97.52                                    | 245,909                        | 225,191   | 471,100    | 9,045         | 19.20                               | 2,945                             | 2,719   | 5,664   |
| 16                   | Amherst ...                   | 7,059                      | 59.20                                    | 223,348                        | 194,562   | 417,910    | 14,571        | 34.87                               | 4,155                             | 3,488   | 7,643   |
| 17                   | Tavoy ...                     | 5,308                      | 29.54                                    | 80,994                         | 75,792    | 156,786    | 6,063         | 38.67                               | 1,821                             | 1,634   | 3,455   |
| 18                   | Mergui ...                    | 9,789                      | 13.84                                    | 72,878                         | 62,587    | 135,465    | 5,477         | 40.43                               | 1,532                             | 1,279   | 2,811   |
| 19                   | Toungoo ...                   | 6,135                      | 62.25                                    | 197,505                        | 184,378   | 381,883    | 6,941         | 18.18                               | 2,965                             | 2,399   | 5,364   |
| MAGWE DIVISION.      |                               |                            |  |                                |           |            |               |                                     |                                   |         |         |
| 20                   | Thayetmyo ...                 | 4,750                      | 53.77                                    | 125,283                        | 130,123   | 255,406    | 7,570         | 29.64                               | 2,893                             | 2,872   | 5,765   |
| 21                   | Minbu ...                     | 3,293                      | 83.30                                    | 134,495                        | 139,807   | 274,302    | 7,751         | 28.26                               | 4,599                             | 4,530   | 9,129   |
| 22                   | Magwe ...                     | 3,687                      | 114.80                                   | 211,686                        | 211,566   | 423,252    | 8,275         | 19.55                               | 3,752                             | 3,416   | 7,168   |
| 23                   | Pakòkku ...                   | 6,210                      | 75.00                                    | 223,943                        | 241,828   | 465,771    | 14,524        | 31.18                               | 5,902                             | 6,166   | 12,068  |
| MANDALAY DIVISION.   |                               |                            |  |                                |           |            |               |                                     |                                   |         |         |
| 24                   | Mandalay ...                  | 2,117                      | 168.46                                   | 182,999                        | 173,622   | 356,621    | 13,076        | 36.67                               | 6,892                             | 6,098   | 12,990  |
| 25                   | Kyauksè ...                   | 1,282                      | 111.29                                   | 70,449                         | 72,228    | 142,677    | 4,905         | 34.38                               | 3,221                             | 3,044   | 6,265   |
| 26                   | Meiktila ...                  | 2,287                      | 126.76                                   | 137,573                        | 152,324   | 289,897    | 8,605         | 29.68                               | 3,386                             | 3,508   | 6,894   |
| 27                   | Myingyan ...                  | 2,746                      | 160.96                                   | 213,294                        | 228,714   | 442,008    | 9,504         | 21.50                               | 4,301                             | 4,662   | 8,963   |
| 28                   | Yamèthin ...                  | 4,176                      | 77.39                                    | 160,913                        | 162,276   | 323,189    | 10,186        | 31.52                               | 4,083                             | 3,844   | 7,927   |
| SAGAING DIVISION.    |                               |                            |  |                                |           |            |               |                                     |                                   |         |         |
| 29                   | Shwebo ...                    | 5,604                      | 67.81                                    | 179,483                        | 200,533   | 380,016    | 11,102        | 29.21                               | 6,372                             | 6,466   | 12,838  |
| 30                   | Sagaing ...                   | 1,825                      | 179.13                                   | 155,054                        | 171,854   | 326,908    | 10,015        | 30.64                               | 5,506                             | 5,616   | 11,122  |
| 31                   | Lower Chindwin ...            | 3,590                      | 98.65                                    | 161,918                        | 192,230   | 354,148    | 10,977        | 31.00                               | 5,543                             | 5,865   | 11,408  |
| Total ...            |                               | 115,060                    | 94.06                                    | 5,545,205                      | 5,277,413 | 10,822,618 | 286,002       | 26.43                               | 125,436                           | 113,276 | 238,712 |

## Districts of Burma during the year 1929. (Paragraphs 8, 18, 19, 23, 27, 31, 33 and 34)

| 8<br>Number of deaths of males to every hundred deaths of females. | 9<br>Deaths per 1,000 of population from |            |         |        |                          |                       |           |                   |             |         |        | 10<br>Mean ratio of deaths per 1,000 during previous five years. |         |        | 1<br>No. |
|--|--|------------|---------|--------|--------------------------|-----------------------|-----------|-------------------|-------------|---------|--------|--|---------|--------|----------|
|  | Cholera.                                 | Small-pox. | Plague. | Fever. | Dysentery and Diarrhoea. | Respiratory diseases. | Injuries. | All other causes. | All causes. |         |        | Male.  | Female. | Total. |          |
|  |  |            |         |        |                          |                       |           |                   | Male.       | Female. | Total. |  |         |        |          |
| 114  | 1.40                                     | 0.94       | ...     | 11.59  | 0.70                     | 1.16                  | 0.16      | 3.79              | 19.55       | 19.97   | 19.75  | 18.87  | 19.37   | 19.10  | 1        |
| 111  | 0.51                                     | 0.14       | ...     | 6.41   | 0.69                     | 0.26                  | 0.18      | 9.72              | 19.50       | 16.41   | 17.90  | 14.24  | 13.04   | 13.62  | 2        |
| 112  | 0.15                                     | 0.09       | ...     | 9.61   | 0.38                     | 0.11                  | 0.55      | 12.13             | 24.61       | 21.49   | 23.03  | 24.27  | 21.64   | 22.94  | 3        |
| 159  | 0.18                                     | 0.04       | 0.27    | 1.27   | 2.64                     | 9.07                  | 0.72      | 17.59             | 28.22       | 39.73   | 31.74  | 30.79  | 40.91   | 33.92  | 4        |
| 124  | 0.64                                     | 0.03       | 0.21    | 5.36   | 0.36                     | 0.62                  | 0.56      | 13.53             | 22.30       | 20.19   | 21.30  | 20.23  | 18.46   | 19.40  | 5        |
| 117  | 0.15                                     | 0.12       | 0.21    | 5.89   | 0.79                     | 0.62                  | 0.56      | 7.54              | 17.13       | 14.64   | 15.88  | 19.64  | 17.41   | 18.52  | 6        |
| 124  | 0.19                                     | 0.02       | 0.00    | 4.71   | 0.60                     | 0.41                  | 0.44      | 10.68             | 17.12       | 16.96   | 17.05  | 16.26  | 16.79   | 16.50  | 7        |
| 115  | 0.23                                     | 0.04       | 0.23    | 6.41   | 0.68                     | 0.55                  | 0.47      | 11.33             | 19.93       | 19.97   | 19.95  | 18.45  | 17.00   | 17.77  | 8        |
| 109  | 0.05                                     | 0.23       | 0.31    | 8.83   | 0.62                     | 0.98                  | 0.51      | 10.64             | 23.52       | 20.90   | 22.19  | 27.08  | 24.35   | 25.69  | 9        |
| 126  | 1.65                                     | 0.01       | 0.16    | 6.15   | 0.86                     | 1.36                  | 0.23      | 5.47              | 17.17       | 14.52   | 15.89  | 18.95  | 17.32   | 18.16  | 10       |
| 108  | 0.79                                     | 0.06       | 0.34    | 4.33   | 0.67                     | 0.64                  | 0.24      | 9.31              | 17.15       | 15.62   | 16.38  | 19.83  | 18.38   | 19.10  | 11       |
| 132  | 1.08                                     | 0.00       | 0.33    | 2.59   | 0.75                     | 0.60                  | 0.22      | 11.42             | 18.17       | 15.64   | 16.98  | 16.34  | 14.73   | 15.59  | 12       |
| 112  | 1.29                                     | 0.04       | 0.10    | 3.12   | 0.84                     | 1.13                  | 0.27      | 10.89             | 18.30       | 17.02   | 17.67  | 18.49  | 17.33   | 17.92  | 13       |
| 132  | 1.82                                     | 0.18       | 0.05    | 5.99   | 1.27                     | 0.82                  | 0.43      | 11.20             | 22.82       | 20.48   | 21.75  | 15.43  | 14.32   | 14.92  | 14       |
| 108  | 0.43                                     | 0.02       | 0.16    | 3.94   | 0.60                     | 0.74                  | 0.18      | 5.95              | 11.98       | 12.07   | 12.02  | 13.98  | 13.91   | 13.95  | 15       |
| 119  | 0.55                                     | 0.16       | 0.00    | 3.60   | 0.70                     | 1.49                  | 0.31      | 11.48             | 18.60       | 17.93   | 18.29  | 17.18  | 16.68   | 16.95  | 16       |
| 111  | ...                                      | ...        | ...     | 13.91  | 0.84                     | 1.14                  | 0.43      | 5.71              | 22.48       | 21.56   | 22.04  | 21.74  | 21.82   | 21.78  | 17       |
| 120  | ...                                      | ...        | ...     | 11.72  | 0.58                     | 1.03                  | 0.72      | 6.70              | 21.02       | 20.44   | 20.75  | 19.04  | 18.63   | 18.85  | 18       |
| 124  | 0.16                                     | 0.32       | 0.12    | 5.63   | 0.51                     | 0.62                  | 0.36      | 6.33              | 15.01       | 13.01   | 14.05  | 18.57  | 16.63   | 17.63  | 19       |
| 101  | 0.05                                     | 0.07       | ...     | 11.75  | 0.41                     | 0.26                  | 0.13      | 9.89              | 23.09       | 22.07   | 22.57  | 23.04  | 22.14   | 22.58  | 20       |
| 102  | 1.71                                     | ...        | 0.22    | 16.36  | 0.65                     | 0.49                  | 0.31      | 13.54             | 34.19       | 32.40   | 33.28  | 28.75  | 27.19   | 27.96  | 21       |
| 110  | 0.15                                     | 0.15       | 0.06    | 4.61   | 0.41                     | 0.69                  | 0.33      | 10.53             | 17.72       | 16.15   | 16.94  | 18.90  | 17.35   | 18.13  | 22       |
| 96   | 0.95                                     | 0.10       | 0.03    | 11.66  | 1.07                     | 0.76                  | 0.28      | 11.06             | 26.35       | 25.50   | 25.91  | 24.21  | 22.72   | 23.44  | 23       |
| 113  | 1.20                                     | 0.05       | 0.65    | 8.32   | 1.63                     | 4.54                  | 0.32      | 19.71             | 37.66       | 35.12   | 36.43  | 34.62  | 32.66   | 33.67  | 24       |
| 106  | 2.43                                     | 0.03       | 0.32    | 15.41  | 0.64                     | 0.48                  | 0.32      | 24.28             | 45.72       | 42.14   | 43.91  | 33.99  | 32.01   | 32.99  | 25       |
| 97   | 0.26                                     | 0.07       | 0.20    | 4.71   | 0.94                     | 0.37                  | 0.51      | 16.71             | 24.61       | 23.03   | 23.78  | 19.58  | 17.56   | 18.57  | 26       |
| 92   | 0.48                                     | 0.94       | 0.35    | 3.26   | 0.44                     | 0.89                  | 0.25      | 13.66             | 20.16       | 20.38   | 20.28  | 18.18  | 16.72   | 17.42  | 27       |
| 106  | 0.07                                     | 0.25       | 0.21    | 8.12   | 0.54                     | 0.50                  | 0.37      | 14.47             | 25.37       | 23.69   | 24.53  | 22.87  | 21.15   | 22.01  | 28       |
| 99   | 0.54                                     | 0.07       | 0.08    | 16.55  | 0.80                     | 0.64                  | 0.35      | 14.76             | 35.50       | 32.24   | 33.78  | 25.17  | 22.64   | 23.84  | 29       |
| 98   | 2.32                                     | 0.13       | 0.19    | 8.48   | 0.62                     | 0.30                  | 0.53      | 21.45             | 35.51       | 32.68   | 34.02  | 21.51  | 19.48   | 20.44  | 30       |
| 95   | 0.98                                     | 0.09       | 0.24    | 11.38  | 0.88                     | 0.77                  | 0.36      | 17.51             | 34.23       | 30.51   | 32.21  | 24.22  | 21.09   | 22.52  | 31       |
| 111  | 0.74                                     | 0.17       | 0.17    | 7.26   | 0.78                     | 1.14                  | 0.36      | 11.44             | 22.62       | 21.46   | 22.06  | 21.02  | 19.77   | 20.41  |          |

SUPPLEMENTARY ANNUAL STATEMENT II (a)—PROVINCIAL—Showing  
(I—XII) for the

| 1<br>Areas.                     | 2<br>Area in square miles. | 3<br>Average population per square mile. | 4<br>Population according to census of 1921. |           |           |
|---------------------------------|----------------------------|--|--|-----------|-----------|
|                                 |                            |  | Male.  | Female.   | Total.    |
| Pyinwa Circle of Akyab District | 80                         | 29·88                                    | 1,247  | 1,143     | 2,390     |
| Hill District of Arakan ...     | 1,500                      | 13·94                                    | 10,790                                       | 10,124    | 20,914    |
| * Salween District ...          | 2,666                      | 18·90                                    | 26,811                                       | 23,568    | 50,379    |
| Papun Town ...                  | ...                        | ...                                      | 901  | 513       | 1,414     |
| Chin Hills District ...         | 8,000                      | 13·76                                    | 54,122                                       | 55,957    | 110,079   |
| Pakôkku Hill Tracts ...         | 3,100                      | 6·47                                     | 9,840  | 10,203    | 20,043    |
| * Bhamo District ...            | 6,903                      | 16·36                                    | 56,888                                       | 56,072    | 112,960   |
| Bhamo Town ...                  | ...                        | ...                                      | 4,933  | 2,808     | 7,741     |
| * Myitkyina District ...        | 11,847                     | 11·68                                    | 73,760                                       | 64,641    | 138,401   |
| Myitkyina Town ...              | ...                        | ...                                      | 3,107  | 1,849     | 4,956     |
| * Katha District ...            | 7,721                      | 30·27                                    | 118,103                                      | 115,603   | 233,706   |
| Katha Town ...                  | ...                        | ...                                      | 2,583  | 1,870     | 4,453     |
| * Upper Chindwin District ...   | 14,525                     | 12·25                                    | 90,182                                       | 87,701    | 177,883   |
| Mawlaik Town ...                | ...                        | ...                                      | 1,672  | 743       | 2,415     |
| * Northern Shan States ...      | 20,156                     | 27·74                                    | 285,700                                      | 273,523   | 559,223   |
| Lashio Town ...                 | ...                        | ...                                      | 2,046  | 1,402     | 3,448     |
| * Southern Shan States ...      | 40,437                     | 22·54                                    | 458,193                                      | 453,275   | 911,468   |
| Taunggyi Town ...               | ...                        | ...                                      | 3,397  | 2,794     | 6,191     |
| Kalaw Town ...                  | ...                        | ...                                      | 1,822  | 1,175     | 2,997     |
| Total ...                       | 116,935                    | 19·99                                    | 1,185,636                                    | 1,151,810 | 2,337,446 |

\* Includes  
† 144 deaths—

births and deaths in areas not included in the main statements  
year 1929. (Paragraph 7.)

| 5                            |         |        | Birth-rate<br>per 1,000 of<br>population. | 7                            |         |        | 8   | Remarks. |
|------------------------------|---------|--------|---|------------------------------|---------|--------|---|----------|
| Number of births registered. |         |        |   | Number of deaths registered. |         |        | Death-rate<br>per 1,000 of<br>population. |          |
| Male.                        | Female. | Total. |   | Male.                        | Female. | Total. |   |          |
| 8                            | 8       | 16     | 6.69                                      | 22                           | 8       | 30     | 12.55                                     |          |
| 68                           | 63      | 131    | 6.26                                      | 92                           | 71      | 163    | 7.79                                      |          |
| 395                          | 371     | 766    | 15.20                                     | 306                          | 303     | 609    | 12.09                                     |          |
| 13                           | 26      | 39     | 27.58                                     | 26                           | 18      | 44     | 31.12                                     |          |
| 1,902                        | 1,817   | 3,719  | 33.78                                     | 1,297                        | 1,229   | 2,526  | 22.95                                     |          |
| 152                          | 130     | 282    | 14.07                                     | 194                          | 182     | 376    | 18.75                                     |          |
| 1,604                        | 1,652   | 3,256  | 28.82                                     | 1,696                        | 1,598   | 3,294  | 29.16                                     |          |
| 95                           | 89      | 184    | 23.77                                     | 145                          | 83      | 228    | 29.45                                     |          |
| 1,619                        | 1,336   | 2,955  | 21.35                                     | 1,745                        | 1,520   | 3,409† | 24.63                                     |          |
| 80                           | 59      | 139    | 28.05                                     | 197                          | 64      | 261    | 52.66                                     |          |
| 3,484                        | 3,360   | 6,844  | 29.28                                     | 2,547                        | 2,391   | 4,938  | 21.13                                     |          |
| 81                           | 65      | 146    | 32.79                                     | 109                          | 71      | 180    | 40.42                                     |          |
| 3,854                        | 3,527   | 7,381  | 41.49                                     | 3,550                        | 3,581   | 7,131  | 40.09                                     |          |
| 22                           | 22      | 44     | 18.22                                     | 40                           | 21      | 61     | 25.26                                     |          |
| 5,935                        | 5,489   | 11,424 | 20.43                                     | 6,378                        | 5,269   | 11,647 | 20.83                                     |          |
| 77                           | 73      | 150    | 43.50                                     | 157                          | 63      | 220    | 63.81                                     |          |
| 4,058                        | 4,039   | 8,097  | 8.88                                      | 4,335                        | 4,313   | 8,648  | 9.49                                      |          |
| 150                          | 121     | 271    | 43.77                                     | 106                          | 106     | 212    | 34.24                                     |          |
| 36                           | 30      | 66     | 22.02                                     | 36                           | 29      | 65     | 21.69                                     |          |
| 23,079                       | 21,792  | 44,871 | 19.20                                     | 22,162                       | 20,465  | 42,771 | 18.30                                     |          |

Town.  
genders unknown.

## ANNUAL STATEMENT NO. III.—Deaths registered in the Districts of

| 1  | 2                        |          |           |        |        |        |
|--|--------------------------|----------|-----------|--------|--------|--------|
| No.                                      | Divisions and Districts. | January. | February. | March. | April. | May.   |
| ARAKAN DIVISION.                         |                          |          |           |        |        |        |
| 1  | Akyab ... ..             | 920      | 517       | 937    | 823    | 538    |
| 2  | Kyaukpyu ... ..          | 233      | 176       | 126    | 251    | 166    |
| 3  | Sandoway ... ..          | 229      | 142       | 144    | 185    | 167    |
| PEGU DIVISION.                           |                          |          |           |        |        |        |
| 4  | Rangoon ... ..           | 936      | 902       | 872    | 904    | 807    |
| 5  | Pegu ... ..              | 543      | 388       | 479    | 675    | 694    |
| 6  | Tharrawaddy ... ..       | 497      | 499       | 529    | 434    | 465    |
| 7  | Hanthawaddy ... ..       | 450      | 393       | 330    | 611    | 492    |
| 8  | Insein ... ..            | 454      | 373       | 331    | 375    | 349    |
| 9  | Prome ... ..             | 566      | 554       | 680    | 673    | 562    |
| IRRAWADDY DIVISION.                      |                          |          |           |        |        |        |
| 10                                       | Bassein ... ..           | 534      | 414       | 492    | 1,107  | 724    |
| 11                                       | Henzada ... ..           | 623      | 534       | 569    | 625    | 589    |
| 12                                       | Myaungmya ... ..         | 568      | 441       | 502    | 483    | 389    |
| 13                                       | Maubin ... ..            | 404      | 503       | 539    | 454    | 449    |
| 14                                       | Pyapôn ... ..            | 606      | 623       | 562    | 648    | 550    |
| TENASSERIM DIVISION.                     |                          |          |           |        |        |        |
| 15                                       | Thatôn ... ..            | 464      | 364       | 327    | 341    | 427    |
| 16                                       | Amherst ... ..           | 563      | 411       | 537    | 527    | 654    |
| 17                                       | Tavoy ... ..             | 250      | 180       | 276    | 292    | 255    |
| 18                                       | Mergui ... ..            | 356      | 149       | 144    | 236    | 143    |
| 19                                       | Toungoo ... ..           | 454      | 301       | 361    | 307    | 358    |
| MAGWE DIVISION.                          |                          |          |           |        |        |        |
| 20                                       | Thayetmyo ... ..         | 223      | 334       | 427    | 385    | 265    |
| 21                                       | Minbu ... ..             | 818      | 615       | 505    | 519    | 364    |
| 22                                       | Magwe ... ..             | 695      | 515       | 429    | 536    | 355    |
| 23                                       | Pakôkku ... ..           | 1,166    | 822       | 922    | 929    | 678    |
| MANDALAY DIVISION.                       |                          |          |           |        |        |        |
| 24                                       | Mandalay ... ..          | 1,271    | 786       | 721    | 850    | 887    |
| 25                                       | Kyauksè ... ..           | 802      | 418       | 389    | 513    | 313    |
| 26                                       | Meiktila ... ..          | 648      | 335       | 379    | 603    | 413    |
| 27                                       | Myingyan ... ..          | 915      | 515       | 376    | 954    | 533    |
| 28                                       | Yamèthin ... ..          | 627      | 507       | 541    | 537    | 547    |
| SAGAING DIVISION.                        |                          |          |           |        |        |        |
| 29                                       | Shwebo ... ..            | 1,005    | 786       | 630    | 951    | 834    |
| 30                                       | Sagaing ... ..           | 875      | 691       | 667    | 661    | 752    |
| 31                                       | Lower Chindwin ... ..    | 698      | 605       | 655    | 772    | 815    |
| Total ...                                |                          | 19,393   | 14,793    | 15,378 | 18,161 | 15,534 |
| Ratio of deaths per 1,000 in each month. |                          | 1·79     | 1·37      | 1·42   | 1·68   | 1·44   |



## Burma during each month of the year 1929.

| 3      |        |         |            |          |           |           | 4  |     |
|--------|--------|---------|------------|----------|-----------|-----------|--|-----|
| June.  | July.  | August. | September. | October. | November. | December. | Total deaths registered during the year. | No. |
| 813    | 1,231  | 974     | 1,537      | 1,051    | 839       | 1,155     | 11,335                                   | 1   |
| 307    | 538    | 544     | 511        | 387      | 180       | 159       | 3,578                                    | 2   |
| 185    | 304    | 297     | 228        | 360      | 164       | 175       | 2,580                                    | 3   |
| 887    | 1,097  | 922     | 923        | 968      | 872       | 890       | 10,980                                   | 4   |
| 954    | 948    | 968     | 1,336      | 812      | 725       | 971       | 9,493                                    | 5   |
| 510    | 1,008  | 847     | 706        | 570      | 808       | 949       | 7,822                                    | 6   |
| 514    | 708    | 491     | 439        | 694      | 609       | 486       | 6,217                                    | 7   |
| 414    | 686    | 658     | 506        | 662      | 501       | 467       | 5,776                                    | 8   |
| 589    | 888    | 1,021   | 780        | 627      | 543       | 761       | 8,244                                    | 9   |
| 594    | 811    | 715     | 548        | 698      | 638       | 502       | 7,777                                    | 10  |
| 834    | 653    | 876     | 867        | 1,170    | 818       | 865       | 9,023                                    | 11  |
| 532    | 367    | 419     | 585        | 398      | 599       | 1,010     | 6,293                                    | 12  |
| 352    | 493    | 556     | 454        | 651      | 557       | 422       | 5,834                                    | 13  |
| 456    | 343    | 436     | 398        | 559      | 518       | 587       | 6,286                                    | 14  |
| 447    | 682    | 631     | 516        | 620      | 458       | 387       | 5,664                                    | 15  |
| 540    | 657    | 763     | 795        | 1,037    | 620       | 539       | 7,643                                    | 16  |
| 510    | 240    | 210     | 461        | 215      | 261       | 305       | 3,455                                    | 17  |
| 183    | 306    | 193     | 409        | 202      | 225       | 265       | 2,811                                    | 18  |
| 333    | 473    | 560     | 577        | 536      | 513       | 591       | 5,364                                    | 19  |
| 588    | 332    | 385     | 853        | 459      | 401       | 1,113     | 5,765                                    | 20  |
| 427    | 684    | 822     | 818        | 1,182    | 1,122     | 1,253     | 9,129                                    | 21  |
| 733    | 670    | 792     | 572        | 694      | 560       | 617       | 7,168                                    | 22  |
| 779    | 1,440  | 1,273   | 1,324      | 964      | 922       | 849       | 12,068                                   | 23  |
| 1,175  | 1,447  | 1,047   | 987        | 1,030    | 1,268     | 1,521     | 12,990                                   | 24  |
| 418    | 574    | 556     | 433        | 694      | 581       | 574       | 6,265                                    | 25  |
| 500    | 780    | 569     | 444        | 744      | 615       | 864       | 6,894                                    | 26  |
| 403    | 1,290  | 703     | 687        | 923      | 845       | 819       | 8,963                                    | 27  |
| 562    | 792    | 816     | 745        | 685      | 718       | 850       | 7,927                                    | 28  |
| 1,151  | 1,406  | 1,281   | 1,254      | 1,093    | 1,259     | 1,188     | 12,838                                   | 29  |
| 889    | 1,431  | 1,139   | 982        | 931      | 990       | 1,114     | 11,122                                   | 30  |
| 880    | 964    | 1,122   | 1,137      | 1,297    | 1,261     | 1,202     | 11,408                                   | 31  |
| 18,459 | 24,243 | 22,586  | 22,812     | 22,913   | 20,990    | 23,450    | 238,712                                  |     |
| 1'71   | 2'24   | 2'09    | 2'11       | 2'12     | 1'94      | 2'17      | 22'06                                    |     |

## ANNUAL STATEMENT NO. IV.—Deaths registered according to Age

| 1<br>No.                         | 2<br>Divisions and Districts. | 3             |          | 4                   |          | 5               |          | 6                |          |
|----------------------------------|-------------------------------|---------------|----------|---------------------|----------|-----------------|----------|------------------|----------|
|                                  |                               | Under 1 year. |          | 1 year and under 5. |          | 5 and under 10. |          | 10 and under 15. |          |
|                                  |                               | Males.        | Females. | Males.              | Females. | Males.          | Females. | Males.           | Females. |
| ARAKAN DIVISION.                 |                               |               |          |                     |          |                 |          |                  |          |
| 1                                | Akyab ...                     | 1,365         | 1,124    | 706                 | 719      | 354             | 349      | 193              | 197      |
| 2                                | Kyaukpyu ...                  | 447           | 377      | 169                 | 146      | 77              | 64       | 34               | 35       |
| 3                                | Sandoway ...                  | 621           | 524      | 120                 | 124      | 56              | 52       | 26               | 27       |
| PEGU DIVISION.                   |                               |               |          |                     |          |                 |          |                  |          |
| 4                                | Rangoon ...                   | 1,426         | 1,197    | 494                 | 484      | 138             | 97       | 95               | 79       |
| 5                                | Pegu ...                      | 1,522         | 1,321    | 416                 | 424      | 209             | 203      | 151              | 113      |
| 6                                | Tharrawaddy ...               | 1,419         | 1,119    | 465                 | 482      | 170             | 191      | 124              | 112      |
| 7                                | Hanthawaddy ...               | 926           | 716      | 352                 | 357      | 115             | 119      | 97               | 64       |
| 8                                | Insein ...                    | 822           | 692      | 322                 | 336      | 117             | 116      | 78               | 83       |
| 9                                | Prome ...                     | 1,600         | 1,388    | 491                 | 481      | 181             | 203      | 94               | 83       |
| IRRAWADDY DIVISION.              |                               |               |          |                     |          |                 |          |                  |          |
| 10                               | Bassein ...                   | 1,036         | 862      | 362                 | 306      | 244             | 200      | 221              | 210      |
| 11                               | Henzada ...                   | 1,721         | 1,476    | 561                 | 572      | 204             | 200      | 125              | 116      |
| 12                               | Myaungmya ...                 | 954           | 843      | 303                 | 310      | 167             | 126      | 108              | 83       |
| 13                               | Maubin ...                    | 781           | 672      | 362                 | 332      | 167             | 164      | 128              | 125      |
| 14                               | Pyapôn ...                    | 829           | 666      | 370                 | 367      | 162             | 171      | 104              | 84       |
| TENASSERIM DIVISION.             |                               |               |          |                     |          |                 |          |                  |          |
| 15                               | Thatôn ...                    | 744           | 600      | 384                 | 432      | 132             | 122      | 78               | 69       |
| 16                               | Amherst ...                   | 1,069         | 883      | 565                 | 504      | 199             | 161      | 108              | 91       |
| 17                               | Tavoy ...                     | 401           | 298      | 216                 | 217      | 106             | 96       | 39               | 35       |
| 18                               | Mergui ...                    | 358           | 309      | 181                 | 161      | 113             | 104      | 59               | 43       |
| 19                               | Toungoo ...                   | 825           | 667      | 267                 | 262      | 119             | 128      | 95               | 68       |
| MAGWE DIVISION.                  |                               |               |          |                     |          |                 |          |                  |          |
| 20                               | Thayetmyo ...                 | 929           | 815      | 425                 | 462      | 132             | 147      | 64               | 60       |
| 21                               | Minbu ...                     | 1,118         | 905      | 642                 | 607      | 264             | 265      | 138              | 127      |
| 22                               | Magwe ...                     | 966           | 819      | 399                 | 406      | 220             | 179      | 167              | 143      |
| 23                               | Pakôkku ...                   | 1,421         | 1,339    | 1,009               | 1,024    | 396             | 387      | 173              | 182      |
| MANDALAY DIVISION.               |                               |               |          |                     |          |                 |          |                  |          |
| 24                               | Mandalay ...                  | 2,102         | 1,833    | 892                 | 826      | 309             | 331      | 162              | 151      |
| 25                               | Kyauksè ...                   | 893           | 767      | 413                 | 464      | 192             | 200      | 95               | 94       |
| 26                               | Meiktila ...                  | 1,035         | 938      | 523                 | 516      | 146             | 147      | 69               | 69       |
| 27                               | Myingyan ...                  | 967           | 964      | 784                 | 779      | 288             | 278      | 128              | 107      |
| 28                               | Yamèthin ...                  | 1,298         | 1,119    | 623                 | 640      | 193             | 219      | 105              | 109      |
| SAGAING DIVISION.                |                               |               |          |                     |          |                 |          |                  |          |
| 29                               | Shwebo ...                    | 2,035         | 1,826    | 881                 | 899      | 417             | 401      | 176              | 195      |
| 30                               | Sagaing ...                   | 1,457         | 1,317    | 796                 | 808      | 322             | 319      | 144              | 141      |
| 31                               | Lower Chindwin ...            | 1,695         | 1,471    | 887                 | 853      | 343             | 348      | 189              | 161      |
| Total, Deaths ...                |                               | 34,782        | 29,847   | 15,380              | 15,300   | 6,252           | 6,087    | 3,567            | 3,256    |
| Total, Population ...            |                               | 131,269       | 136,391  | 534,388             | 554,521  | 665,315         | 673,733  | 648,260          | 609,818  |
| Total Ratio per 1,000 living ... |                               | 264·97        | 218·83   | 28·78               | 27·59    | 9·40            | 9·03     | 5·50             | 5·34     |

in the Districts of Burma during the year 1929. (Paragraphs 8 and 15.)

| 7                |          | 8                |          | 9                |          | 10               |          | 11               |          | 12              |          | 13  |
|------------------|----------|------------------|----------|------------------|----------|------------------|----------|------------------|----------|-----------------|----------|-----|
| 15 and under 20. |          | 20 and under 30. |          | 30 and under 40. |          | 40 and under 50. |          | 50 and under 60. |          | 60 and upwards. |          | No. |
| Males.           | Females. | Males.           | Females. | Males.           | Females. | Males.           | Females. | Males.           | Females. | Males.          | Females. |     |
| 262              | 285      | 554              | 730      | 678              | 524      | 596              | 372      | 490              | 351      | 831             | 655      | 1   |
| 88               | 79       | 176              | 192      | 184              | 177      | 153              | 136      | 162              | 143      | 393             | 346      | 2   |
| 35               | 36       | 66               | 107      | 82               | 73       | 80               | 47       | 85               | 76       | 190             | 153      | 3   |
| 194              | 147      | 989              | 510      | 1,110            | 490      | 849              | 308      | 568              | 274      | 874             | 657      | 4   |
| 213              | 174      | 567              | 476      | 586              | 416      | 474              | 293      | 424              | 251      | 686             | 574      | 5   |
| 182              | 120      | 391              | 313      | 341              | 298      | 302              | 248      | 290              | 249      | 534             | 472      | 6   |
| 106              | 95       | 226              | 275      | 300              | 259      | 324              | 199      | 289              | 208      | 707             | 483      | 7   |
| 110              | 95       | 280              | 254      | 324              | 274      | 311              | 207      | 240              | 198      | 480             | 437      | 8   |
| 124              | 112      | 328              | 337      | 352              | 314      | 319              | 254      | 273              | 245      | 537             | 528      | 9   |
| 249              | 196      | 450              | 381      | 496              | 377      | 435              | 281      | 358              | 252      | 491             | 370      | 10  |
| 137              | 117      | 350              | 382      | 327              | 385      | 323              | 243      | 320              | 294      | 622             | 548      | 11  |
| 138              | 117      | 416              | 281      | 414              | 252      | 399              | 199      | 292              | 169      | 384             | 338      | 12  |
| 180              | 160      | 318              | 289      | 270              | 237      | 251              | 202      | 183              | 163      | 443             | 407      | 13  |
| 143              | 117      | 443              | 303      | 386              | 254      | 329              | 220      | 300              | 178      | 511             | 349      | 14  |
| 95               | 93       | 240              | 310      | 252              | 308      | 269              | 226      | 215              | 161      | 536             | 398      | 15  |
| 158              | 135      | 355              | 411      | 368              | 338      | 349              | 242      | 338              | 233      | 646             | 490      | 16  |
| 82               | 60       | 183              | 208      | 189              | 184      | 150              | 126      | 149              | 136      | 306             | 274      | 17  |
| 61               | 54       | 128              | 118      | 133              | 123      | 151              | 97       | 139              | 93       | 209             | 177      | 18  |
| 139              | 113      | 326              | 307      | 332              | 223      | 296              | 190      | 206              | 132      | 360             | 309      | 19  |
| 74               | 70       | 173              | 263      | 194              | 212      | 211              | 185      | 224              | 217      | 467             | 441      | 20  |
| 175              | 159      | 341              | 440      | 321              | 390      | 376              | 364      | 419              | 368      | 805             | 905      | 21  |
| 207              | 155      | 331              | 331      | 316              | 280      | 281              | 235      | 287              | 244      | 578             | 624      | 22  |
| 193              | 228      | 385              | 505      | 431              | 444      | 391              | 360      | 476              | 434      | 1,027           | 1,263    | 23  |
| 215              | 172      | 603              | 516      | 634              | 409      | 552              | 374      | 514              | 381      | 909             | 1,105    | 24  |
| 85               | 82       | 216              | 256      | 265              | 245      | 247              | 180      | 272              | 224      | 543             | 532      | 25  |
| 112              | 100      | 226              | 248      | 211              | 239      | 174              | 164      | 236              | 195      | 654             | 892      | 26  |
| 129              | 154      | 290              | 383      | 270              | 351      | 271              | 229      | 288              | 310      | 886             | 1,107    | 27  |
| 131              | 131      | 320              | 319      | 288              | 269      | 255              | 200      | 263              | 204      | 607             | 634      | 28  |
| 202              | 164      | 428              | 447      | 373              | 395      | 314              | 273      | 387              | 403      | 1,159           | 1,463    | 29  |
| 182              | 190      | 397              | 398      | 406              | 435      | 318              | 309      | 364              | 375      | 1,120           | 1,324    | 30  |
| 210              | 224      | 331              | 374      | 331              | 378      | 275              | 324      | 308              | 357      | 974             | 1,375    | 31  |
| 4,611            | 4,134    | 10,827           | 10,664   | 11,164           | 9,553    | 10,025           | 7,287    | 9,359            | 7,518    | 19,469          | 19,630   |     |
| 543,201          | 566,316  | 986,827          | 926,484  | 805,282          | 653,264  | 570,043          | 499,720  | 347,411          | 344,624  | 313,209         | 312,542  |     |
| 8.49             | 7.30     | 10.97            | 11.51    | 13.86            | 14.62    | 17.59            | 14.58    | 26.94            | 21.82    | 62.16           | 62.81    |     |

## SUPPLEMENTARY ANNUAL STATEMENT NO. IV (a) giving the Details

| No.                  | Division and District. | Not exceeding one month. |                |        |                 |                |        | Total of columns 5 and 8. |
|----------------------|------------------------|--------------------------|----------------|--------|-----------------|----------------|--------|---------------------------|
|                      |                        | Male.                    |                |        | Female.         |                |        |                           |
|                      |                        | Under one week.          | Over one week. | Total. | Under one week. | Over one week. | Total. |                           |
| (1)                  | (2)                    | (3)                      | (4)            | (5)    | (6)             | (7)            | (8)    | (9)                       |
| ARAKAN DIVISION.     |                        |                          |                |        |                 |                |        |                           |
| 1                    | Akyab ... ..           | 119                      | 110            | 229    | 102             | 100            | 202    | 431                       |
| 2                    | Kyaukpyu ... ..        | 35                       | 38             | 73     | 24              | 28             | 52     | 125                       |
| 3                    | Sandoway ... ..        | 56                       | 60             | 116    | 48              | 54             | 102    | 218                       |
| PEGU DIVISION.       |                        |                          |                |        |                 |                |        |                           |
| 4                    | Rangoon ... ..         | 380                      | 151            | 531    | 257             | 123            | 385    | 916                       |
| 5                    | Pegu ... ..            | 136                      | 111            | 247    | 104             | 116            | 220    | 467                       |
| 6                    | Tharrawaddy ... ..     | 101                      | 142            | 243    | 82              | 92             | 174    | 417                       |
| 7                    | Hanthawaddy ... ..     | 140                      | 115            | 255    | 104             | 77             | 181    | 436                       |
| 8                    | Insein ... ..          | 97                       | 111            | 208    | 68              | 93             | 161    | 369                       |
| 9                    | Prome ... ..           | 94                       | 126            | 220    | 86              | 158            | 244    | 464                       |
| IRRAWADDY DIVISION.  |                        |                          |                |        |                 |                |        |                           |
| 10                   | Bassein ... ..         | 127                      | 124            | 251    | 100             | 117            | 217    | 468                       |
| 11                   | Henzada ... ..         | 191                      | 182            | 373    | 126             | 152            | 278    | 651                       |
| 12                   | Myaungmya ... ..       | 154                      | 87             | 241    | 121             | 85             | 206    | 447                       |
| 13                   | Maubin ... ..          | 82                       | 116            | 198    | 74              | 107            | 181    | 379                       |
| 14                   | Pyapôn ... ..          | 138                      | 109            | 247    | 101             | 76             | 177    | 424                       |
| TENASSERIM DIVISION. |                        |                          |                |        |                 |                |        |                           |
| 15                   | Thatôn ... ..          | 67                       | 97             | 164    | 57              | 78             | 135    | 299                       |
| 16                   | Amberst ... ..         | 115                      | 161            | 276    | 67              | 140            | 207    | 483                       |
| 17                   | Tavoy ... ..           | 78                       | 64             | 142    | 42              | 42             | 84     | 226                       |
| 18                   | Mergui ... ..          | 67                       | 64             | 131    | 55              | 56             | 111    | 242                       |
| 19                   | Toungoo ... ..         | 67                       | 124            | 191    | 39              | 114            | 153    | 344                       |
| MAGWE DIVISION.      |                        |                          |                |        |                 |                |        |                           |
| 20                   | Thayetmyo ... ..       | 42                       | 94             | 136    | 41              | 72             | 113    | 249                       |
| 21                   | Minbu ... ..           | 93                       | 103            | 196    | 93              | 83             | 176    | 372                       |
| 22                   | Magwe ... ..           | 145                      | 146            | 291    | 88              | 113            | 201    | 492                       |
| 23                   | Pakôkku ... ..         | 284                      | 217            | 501    | 238             | 213            | 451    | 952                       |
| MANDALAY DIVISION.   |                        |                          |                |        |                 |                |        |                           |
| 24                   | Mandalay ... ..        | 480                      | 269            | 749    | 352             | 190            | 542    | 1,291                     |
| 25                   | Kyaukse ... ..         | 153                      | 111            | 264    | 113             | 108            | 221    | 485                       |
| 26                   | Meiktila ... ..        | 78                       | 109            | 187    | 79              | 74             | 153    | 340                       |
| 27                   | Myingyan ... ..        | 87                       | 90             | 177    | 70              | 103            | 173    | 350                       |
| 28                   | Yamèthin ... ..        | 114                      | 96             | 210    | 77              | 81             | 158    | 368                       |
| SAGAING DIVISION.    |                        |                          |                |        |                 |                |        |                           |
| 29                   | Shwebo ... ..          | 210                      | 234            | 444    | 190             | 187            | 377    | 821                       |
| 30                   | Sagaing ... ..         | 189                      | 180            | 369    | 152             | 148            | 300    | 669                       |
| 31                   | Lower Chindwin ... ..  | 251                      | 259            | 510    | 183             | 182            | 365    | 875                       |
|                      | Total ...              | 4,370                    | 4,000          | 8,370  | 3,333           | 3,367          | 6,700  | 15,070                    |

## of Deaths by Ages under One year during the year 1929. (Paragraphs 8 and 15).

| Over one month and not exceeding six months. |         |        | Over six months and not exceeding twelve months. |         |        | Total male, columns 5, 10 and 13. | Total female, columns 8, 11 and 14. | Total. | No   |
|--|---------|--------|--|---------|--------|-----------------------------------|-------------------------------------|--------|------|
| Male.  | Female. | Total. | Male.  | Female. | Total. |                                   |                                     |        |      |
| (10)   | (11)    | (12)   | (13)   | (14)    | (15)   | (16)                              | (17)                                | (18)   | (19) |
| 730  | 534     | 1,264  | 406  | 388     | 794    | 1,365                             | 1,124                               | 2,489  | 1    |
| 269  | 234     | 503    | 105  | 91      | 196    | 447                               | 377                                 | 824    | 2    |
| 437  | 345     | 782    | 68   | 77      | 145    | 621                               | 524                                 | 1,145  | 3    |
| 705  | 620     | 1,325  | 190  | 192     | 382    | 1,426                             | 1,197                               | 2,623  | 4    |
| 1,100  | 930     | 2,030  | 175  | 171     | 346    | 1,522                             | 1,321                               | 2,843  | 5    |
| 913  | 724     | 1,637  | 263  | 221     | 484    | 1,419                             | 1,119                               | 2,538  | 6    |
| 516  | 397     | 913    | 155  | 138     | 293    | 926                               | 716                                 | 1,642  | 7    |
| 498  | 418     | 916    | 116  | 113     | 229    | 822                               | 692                                 | 1,514  | 8    |
| 1,007  | 816     | 1,823  | 373  | 328     | 701    | 1,600                             | 1,388                               | 2,988  | 9    |
| 523  | 419     | 942    | 262  | 226     | 488    | 1,036                             | 862                                 | 1,898  | 10   |
| 997  | 876     | 1,873  | 351  | 322     | 673    | 1,721                             | 1,476                               | 3,197  | 11   |
| 587  | 524     | 1,111  | 126  | 113     | 239    | 954                               | 843                                 | 1,797  | 12   |
| 406  | 339     | 745    | 177  | 152     | 329    | 781                               | 672                                 | 1,453  | 13   |
| 472  | 385     | 857    | 110  | 104     | 214    | 829                               | 666                                 | 1,495  | 14   |
| 400  | 307     | 707    | 180  | 158     | 338    | 744                               | 600                                 | 1,344  | 15   |
| 549  | 445     | 994    | 244  | 231     | 475    | 1,069                             | 883                                 | 1,952  | 16   |
| 201  | 156     | 357    | 58   | 58      | 116    | 401                               | 298                                 | 699    | 17   |
| 161  | 150     | 311    | 66   | 48      | 114    | 358                               | 309                                 | 667    | 18   |
| 464  | 386     | 850    | 170  | 128     | 298    | 825                               | 667                                 | 1,492  | 19   |
| 639  | 541     | 1,180  | 154  | 161     | 315    | 929                               | 815                                 | 1,744  | 20   |
| 548  | 438     | 986    | 374  | 291     | 665    | 1,118                             | 905                                 | 2,023  | 21   |
| 492  | 435     | 927    | 183  | 183     | 366    | 966                               | 819                                 | 1,785  | 22   |
| 607  | 588     | 1,195  | 313  | 300     | 613    | 1,421                             | 1,339                               | 2,760  | 23   |
| 997  | 926     | 1,923  | 356  | 365     | 721    | 2,102                             | 1,833                               | 3,935  | 24   |
| 428  | 386     | 814    | 201  | 160     | 361    | 893                               | 767                                 | 1,660  | 25   |
| 666  | 587     | 1,253  | 182  | 198     | 380    | 1,035                             | 938                                 | 1,973  | 26   |
| 494  | 502     | 996    | 296  | 289     | 585    | 967                               | 964                                 | 1,931  | 27   |
| 864  | 771     | 1,635  | 224  | 190     | 414    | 1,298                             | 1,119                               | 2,417  | 28   |
| 1,216  | 1,048   | 2,264  | 375  | 401     | 776    | 2,035                             | 1,826                               | 3,861  | 29   |
| 788  | 720     | 1,508  | 300  | 297     | 597    | 1,457                             | 1,317                               | 2,774  | 30   |
| 825  | 709     | 1,534  | 360  | 397     | 757    | 1,695                             | 1,471                               | 3,166  | 31   |
| 19,499                                       | 16,656  | 36,155 | 6,913  | 6,491   | 13,404 | 34,782                            | 29,847                              | 64,629 |      |

## ANNUAL STATEMENT NO. V.—Deaths registered according

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Population (Census 1921). |                  |         |                          |                   | Total.     |
|----------------------|-------------------------------|--------------------------------|------------------|---------|--------------------------|-------------------|------------|
|                      |                               | Christians.                    | Mahome-<br>dans. | Hindus. | Burmese or<br>Buddhists. | Other<br>classes. |            |
| ARAKAN DIVISION.     |                               |                                |                  |         |                          |                   |            |
| 1                    | Akyab ... ..                  | 618                            | 208,961          | 14,719  | 315,137                  | 34,605            | 574,040    |
| 2                    | Kyaukpyu ... ..               | 136                            | 4,479            | 634     | 178,451                  | 16,173            | 199,873    |
| 3                    | Sandoway ... ..               | 956                            | 5,251            | 376     | 100,878                  | 4,568             | 112,029    |
| PEGU DIVISION.       |                               |                                |                  |         |                          |                   |            |
| 4                    | Rangoon ... ..                | 25,310                         | 62,070           | 125,626 | 114,319                  | 18,180            | 345,505    |
| 5                    | Pegu ... ..                   | 9,790                          | 9,745            | 40,856  | 378,338                  | 6,891             | 445,620    |
| 6                    | Tharrawaddy ... ..            | 8,074                          | 5,421            | 9,179   | 467,558                  | 2,197             | 492,429    |
| 7                    | Hanthawaddy ... ..            | 5,074                          | 12,811           | 47,326  | 293,768                  | 5,645             | 364,624    |
| 8                    | Insein ... ..                 | 15,544                         | 7,874            | 24,034  | 238,733                  | 3,355             | 289,540    |
| 9                    | Prome ... ..                  | 1,238                          | 4,174            | 5,509   | 356,283                  | 4,371             | 371,575    |
| IRRAWADDY DIVISION.  |                               |                                |                  |         |                          |                   |            |
| 10                   | Bassein ... ..                | 32,630                         | 9,994            | 14,947  | 428,546                  | 3,356             | 489,473    |
| 11                   | Henzada ... ..                | 11,742                         | 5,211            | 6,703   | 525,231                  | 2,033             | 550,920    |
| 12                   | Myaungmya ... ..              | 21,198                         | 11,451           | 9,533   | 324,315                  | 4,054             | 370,551    |
| 13                   | Maubin ... ..                 | 11,984                         | 6,001            | 6,833   | 302,862                  | 2,426             | 330,106    |
| 14                   | Pyapôn ... ..                 | 9,054                          | 5,640            | 16,431  | 254,072                  | 3,797             | 288,994    |
| TENASSERIM DIVISION. |                               |                                |                  |         |                          |                   |            |
| 15                   | Thatôn ... ..                 | 3,811                          | 13,405           | 21,112  | 430,329                  | 2,443             | 471,100    |
| 16                   | Amherst ... ..                | 7,074                          | 26,678           | 25,415  | 355,175                  | 3,568             | 417,910    |
| 17                   | Tavoy ... ..                  | 2,645                          | 2,873            | 3,319   | 145,146                  | 2,803             | 156,786    |
| 18                   | Mergui ... ..                 | 6,153                          | 11,645           | 6,613   | 104,617                  | 6,437             | 135,465    |
| 19                   | Toungoo ... ..                | 35,442                         | 8,163            | 19,575  | 297,980                  | 20,723            | 381,883    |
| MAGWE DIVISION.      |                               |                                |                  |         |                          |                   |            |
| 20                   | Thayetmyo ... ..              | 465                            | 1,994            | 1,946   | 239,726                  | 11,275            | 255,406    |
| 21                   | Minbu ... ..                  | 174                            | 1,223            | 1,995   | 265,885                  | 5,025             | 274,302    |
| 22                   | Magwe ... ..                  | 1,153                          | 3,521            | 7,243   | 410,548                  | 787               | 423,252    |
| 23                   | Pakôkku ... ..                | 307                            | 1,022            | 842     | 460,158                  | 3,442             | 465,771    |
| MANDALAY DIVISION.   |                               |                                |                  |         |                          |                   |            |
| 24                   | Mandalay ... ..               | 8,329                          | 23,209           | 22,061  | 299,327                  | 3,695             | 356,621    |
| 25                   | Kyauksè ... ..                | 592                            | 5,740            | 1,028   | 135,082                  | 235               | 142,677    |
| 26                   | Meiktila ... ..               | 772                            | 4,283            | 2,644   | 281,618                  | 580               | 289,897    |
| 27                   | Myingyan ... ..               | 342                            | 1,156            | 1,724   | 438,374                  | 412               | 442,008    |
| 28                   | Yamèthin ... ..               | 2,416                          | 12,908           | 6,220   | 298,565                  | 3,080             | 323,189    |
| SAGAING DIVISION.    |                               |                                |                  |         |                          |                   |            |
| 29                   | Shwebo ... ..                 | 2,008                          | 7,603            | 2,525   | 367,216                  | 664               | 380,016    |
| 30                   | Sagaing ... ..                | 948                            | 2,811            | 1,956   | 321,016                  | 177               | 326,908    |
| 31                   | Lower Chindwin ... ..         | 334                            | 1,032            | 1,312   | 351,313                  | 157               | 354,148    |
| Total, Burma ... ..  |                               | 226,313                        | 488,349          | 450,236 | 9,480,566                | 177,154           | 10,822,618 |

to classes in the Districts of Burma during the year 1929.

| 4                            |                  |         |                            |                   |         | 5  |                  |         |                            |                   |        | No. |
|------------------------------|------------------|---------|----------------------------|-------------------|---------|--|------------------|---------|----------------------------|-------------------|--------|-----|
| Number of deaths registered. |                  |         |                            |                   |         | Ratio of deaths per 1,000 of population. |                  |         |                            |                   |        |     |
| Chris-<br>tians.             | Maho-<br>medans. | Hindus. | Burmese<br>or<br>Buddhists | Other<br>classes. | Total.  | Chris-<br>tians.                         | Maho-<br>medans. | Hindus. | Burmese<br>or<br>Buddhists | Other<br>classes. | Total. |     |
| ...                          | 3,881            | 123     | 6,926                      | 405               | 11,335  | ...                                      | 18.57            | 8.36    | 21.98                      | 11.70             | 19.75  | 1   |
| 4                            | 70               | 7       | 3,321                      | 176               | 3,578   | 29.41                                    | 15.63            | 11.04   | 18.61                      | 10.88             | 17.90  | 2   |
| 13                           | 105              | 1       | 2,375                      | 86                | 2,580   | 13.60                                    | 20.00            | 2.66    | 23.54                      | 18.83             | 23.03  | 3   |
| 625                          | 1,606            | 4,004   | 4,519                      | 226               | 10,980  | 24.69                                    | 25.87            | 31.87   | 39.53                      | 12.43             | 31.78  | 4   |
| 177                          | 150              | 430     | 8,361                      | 375               | 9,493   | 18.08                                    | 15.39            | 10.52   | 22.10                      | 54.42             | 21.30  | 5   |
| 75                           | 107              | 185     | 7,331                      | 124               | 7,822   | 9.29                                     | 19.74            | 20.15   | 15.68                      | 56.44             | 15.88  | 6   |
| 62                           | 201              | 432     | 5,156                      | 366               | 6,217   | 12.22                                    | 15.69            | 9.13    | 17.55                      | 64.84             | 17.05  | 7   |
| 275                          | 177              | 397     | 4,738                      | 189               | 5,776   | 17.69                                    | 22.48            | 16.52   | 19.85                      | 56.33             | 19.95  | 8   |
| 9                            | 104              | 249     | 7,809                      | 73                | 8,244   | 7.27                                     | 24.92            | 45.20   | 21.92                      | 16.70             | 22.19  | 9   |
| 329                          | 239              | 434     | 6,736                      | 39                | 7,777   | 10.08                                    | 23.91            | 29.04   | 15.72                      | 11.62             | 15.89  | 10  |
| 164                          | 110              | 171     | 8,501                      | 77                | 9,023   | 13.97                                    | 21.11            | 25.51   | 16.19                      | 37.88             | 16.38  | 11  |
| 250                          | 173              | 240     | 5,480                      | 150               | 6,293   | 11.79                                    | 15.11            | 25.18   | 16.90                      | 37.00             | 16.98  | 12  |
| 82                           | 86               | 120     | 5,462                      | 84                | 5,834   | 6.84                                     | 14.33            | 17.56   | 18.03                      | 34.62             | 17.67  | 13  |
| 196                          | 131              | 278     | 5,280                      | 401               | 6,286   | 21.65                                    | 23.23            | 16.92   | 20.78                      | 105.61            | 21.75  | 14  |
| 37                           | 182              | 270     | 5,048                      | 127               | 5,664   | 9.71                                     | 13.58            | 12.79   | 11.73                      | 51.99             | 12.02  | 15  |
| 129                          | 543              | 446     | 6,454                      | 71                | 7,643   | 18.24                                    | 20.35            | 17.55   | 18.17                      | 19.90             | 18.29  | 16  |
| 89                           | 83               | 94      | 3,058                      | 131               | 3,455   | 33.65                                    | 28.89            | 28.32   | 21.07                      | 46.74             | 22.04  | 17  |
| 173                          | 280              | 174     | 2,079                      | 105               | 2,811   | 28.12                                    | 24.04            | 26.31   | 19.87                      | 16.31             | 20.75  | 18  |
| 308                          | 132              | 280     | 4,540                      | 104               | 5,364   | 8.69                                     | 16.17            | 14.30   | 15.24                      | 5.02              | 14.05  | 19  |
| 4                            | 55               | 32      | 5,513                      | 161               | 5,765   | 8.60                                     | 27.58            | 16.44   | 23.00                      | 14.28             | 22.57  | 20  |
| 3                            | 28               | 33      | 8,988                      | 77                | 9,129   | 17.24                                    | 22.89            | 16.54   | 33.80                      | 15.32             | 33.28  | 21  |
| 11                           | 56               | 58      | 7,030                      | 13                | 7,168   | 9.54                                     | 15.90            | 8.01    | 17.12                      | 16.52             | 16.94  | 22  |
| ...                          | 18               | 7       | 12,034                     | 9                 | 12,068  | ...                                      | 17.61            | 8.31    | 26.15                      | 2.61              | 25.91  | 23  |
| 228                          | 827              | 765     | 10,997                     | 173               | 12,990  | 27.37                                    | 35.63            | 34.68   | 36.74                      | 46.82             | 36.43  | 24  |
| 14                           | 168              | 21      | 6,049                      | 13                | 6,265   | 23.65                                    | 29.27            | 20.43   | 44.78                      | 55.32             | 43.91  | 25  |
| 11                           | 127              | 41      | 6,701                      | 14                | 6,894   | 14.25                                    | 29.65            | 15.51   | 23.79                      | 24.14             | 23.78  | 26  |
| 1                            | 34               | 18      | 8,900                      | 10                | 8,963   | 2.92                                     | 29.41            | 10.44   | 20.30                      | 24.27             | 20.28  | 27  |
| 10                           | 284              | 187     | 7,370                      | 76                | 7,927   | 4.14                                     | 22.00            | 30.06   | 24.68                      | 24.68             | 24.53  | 28  |
| 50                           | 84               | 66      | 12,635                     | 3                 | 12,838  | 24.90                                    | 11.05            | 26.14   | 34.41                      | 4.52              | 33.78  | 29  |
| 1                            | 112              | 82      | 10,919                     | 8                 | 11,122  | 1.05                                     | 39.84            | 41.92   | 34.01                      | 45.20             | 34.02  | 30  |
| 2                            | 15               | 22      | 11,356                     | 13                | 11,408  | 5.99                                     | 14.53            | 16.77   | 32.32                      | 82.80             | 32.21  | 31  |
| 3,332                        | 10,168           | 9,667   | 211,666                    | 3,879             | 238,712 | 14.72                                    | 20.82            | 21.47   | 22.33                      | 21.90             | 22.06  |     |

## SUPPLEMENTARY ANNUAL STATEMENT V-A.—Deaths registered according

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Population (Census 1921). |         |             |         |         |         |                       |           |
|----------------------|-------------------------------|--------------------------------|---------|-------------|---------|---------|---------|-----------------------|-----------|
|                      |                               | Christians.                    |         | Mahomedans. |         | Hindus. |         | Burmese or Buddhists. |           |
|                      |                               | Male.                          | Female. | Male.       | Female. | Male.   | Female. | Male.                 | Female.   |
| ARAKAN DIVISION.     |                               |                                |         |             |         |         |         |                       |           |
| 1                    | Akyab ...                     | 428                            | 190     | 116,736     | 92,225  | 13,401  | 1,318   | 159,719               | 155,418   |
| 2                    | Kyaukpyu ...                  | 65                             | 71      | 2,580       | 1,899   | 609     | 25      | 84,901                | 93,550    |
| 3                    | Sandoway ...                  | 488                            | 468     | 2,749       | 2,502   | 331     | 45      | 49,415                | 51,463    |
| PEGU DIVISION.       |                               |                                |         |             |         |         |         |                       |           |
| 4                    | Rangoon ...                   | 14,215                         | 11,095  | 49,610      | 12,460  | 102,798 | 22,828  | 59,517                | 54,802    |
| 5                    | Pegu ...                      | 4,918                          | 4,872   | 6,996       | 2,749   | 27,554  | 13,302  | 191,186               | 187,152   |
| 6                    | Tharrawaddy ...               | 3,970                          | 4,104   | 3,736       | 1,685   | 7,422   | 1,757   | 229,477               | 238,081   |
| 7                    | Hanthawaddy ...               | 3,022                          | 2,052   | 9,551       | 3,260   | 35,365  | 11,961  | 148,757               | 145,011   |
| 8                    | Insein ...                    | 7,681                          | 7,863   | 5,301       | 2,573   | 18,387  | 5,647   | 120,939               | 117,794   |
| 9                    | Prome ...                     | 651                            | 587     | 2,687       | 1,487   | 4,427   | 1,082   | 172,327               | 183,956   |
| IRRAWADDY DIVISION.  |                               |                                |         |             |         |         |         |                       |           |
| 10                   | Bassein ...                   | 16,207                         | 16,423  | 7,082       | 2,912   | 13,151  | 1,796   | 213,811               | 214,735   |
| 11                   | Henzada ...                   | 5,711                          | 6,031   | 3,323       | 1,888   | 5,712   | 991     | 257,027               | 268,204   |
| 12                   | Myaungmya ...                 | 10,645                         | 10,553  | 8,990       | 2,461   | 8,544   | 989     | 165,260               | 159,055   |
| 13                   | Maubin ...                    | 5,976                          | 6,008   | 4,350       | 1,651   | 5,954   | 879     | 150,413               | 152,449   |
| 14                   | Pyapôn ...                    | 4,925                          | 4,129   | 4,843       | 797     | 12,804  | 3,627   | 131,225               | 122,847   |
| TENASSERIM DIVISION. |                               |                                |         |             |         |         |         |                       |           |
| 15                   | Thatôn ...                    | 1,920                          | 1,891   | 8,912       | 4,493   | 14,794  | 6,318   | 218,580               | 211,749   |
| 16                   | Amherst ...                   | 3,596                          | 3,478   | 16,261      | 10,417  | 19,468  | 5,947   | 181,489               | 173,686   |
| 17                   | Tavoy ...                     | 1,371                          | 1,274   | 1,844       | 1,029   | 2,953   | 366     | 72,612                | 72,534    |
| 18                   | Mergui ...                    | 3,297                          | 2,856   | 6,270       | 5,375   | 5,842   | 771     | 53,200                | 51,417    |
| 19                   | Toungoo ...                   | 17,624                         | 17,818  | 5,498       | 2,665   | 13,316  | 6,259   | 149,783               | 148,197   |
| MAGWE DIVISION.      |                               |                                |         |             |         |         |         |                       |           |
| 20                   | Thayetmyo ...                 | 261                            | 204     | 1,177       | 817     | 1,405   | 541     | 116,712               | 123,014   |
| 21                   | Minbu ...                     | 118                            | 56      | 842         | 381     | 1,752   | 243     | 129,039               | 136,846   |
| 22                   | Magwe ...                     | 746                            | 407     | 2,748       | 773     | 6,669   | 574     | 200,865               | 209,683   |
| 23                   | Pakôkku ...                   | 210                            | 97      | 701         | 321     | 702     | 140     | 220,495               | 239,663   |
| MANDALAY DIVISION.   |                               |                                |         |             |         |         |         |                       |           |
| 24                   | Mandalay ...                  | 4,506                          | 3,823   | 13,665      | 9,544   | 15,591  | 6,470   | 146,205               | 153,122   |
| 25                   | Kyauksè ...                   | 292                            | 300     | 2,896       | 2,844   | 821     | 207     | 66,277                | 68,805    |
| 26                   | Meiktila ...                  | 532                            | 240     | 2,369       | 1,914   | 2,005   | 639     | 132,184               | 149,434   |
| 27                   | Myingyan ...                  | 202                            | 140     | 833         | 323     | 1,399   | 325     | 210,540               | 227,834   |
| 28                   | Yamèthin ...                  | 1,285                          | 1,131   | 6,896       | 6,012   | 4,797   | 1,423   | 146,086               | 152,479   |
| SAGAING DIVISION.    |                               |                                |         |             |         |         |         |                       |           |
| 29                   | Shwebo ...                    | 1,015                          | 993     | 3,915       | 3,688   | 1,912   | 613     | 172,142               | 195,074   |
| 30                   | Sagaing ...                   | 446                            | 502     | 1,563       | 1,248   | 1,382   | 574     | 151,524               | 169,492   |
| 31                   | Lower Chindwin ...            | 194                            | 140     | 801         | 231     | 1,019   | 293     | 159,762               | 191,551   |
| Total, Burma ...     |                               | 116,517                        | 109,796 | 305,725     | 182,624 | 352,286 | 97,950  | 4,661,469             | 4,819,097 |



to Sex in the four main classes in the Districts of Burma during the year 1929.

| 4                            |         |             |         |         |         |                       |         | 5  |         |             |         |         |         |                       |         | No. |
|------------------------------|---------|-------------|---------|---------|---------|-----------------------|---------|--|---------|-------------|---------|---------|---------|-----------------------|---------|-----|
| Number of deaths registered. |         |             |         |         |         |                       |         | Ratio of deaths per 1,000 of population. |         |             |         |         |         |                       |         |     |
| Christians.                  |         | Mahomedans. |         | Hindus. |         | Burmese or Buddhists. |         | Christians.                              |         | Mahomedans. |         | Hindus. |         | Burmese or Buddhists. |         |     |
| Male.                        | Female. | Male.       | Female. | Male.   | Female. | Male.                 | Female. | Male.                                    | Female. | Male.       | Female. | Male.   | Female. | Male.                 | Female. |     |
| ...                          | ...     | 2,124       | 1,757   | 95      | 28      | 3,584                 | 3,342   | ...                                      | ...     | 18.19       | 19.05   | 7.09    | 21.24   | 22.44                 | 21.50   | 1   |
| 3                            | 1       | 39          | 31      | 5       | 2       | 1,750                 | 1,571   | 46.15                                    | 14.08   | 15.12       | 16.32   | 8.21    | 80.00   | 20.61                 | 16.79   | 2   |
| 5                            | 8       | 63          | 42      | 1       | ...     | 1,246                 | 1,129   | 10.25                                    | 17.09   | 22.92       | 16.79   | 3.02    | ...     | 25.22                 | 21.94   | 3   |
| 337                          | 288     | 1,047       | 559     | 2,662   | 1,342   | 2,507                 | 2,012   | 23.71                                    | 25.96   | 21.10       | 44.86   | 25.90   | 58.79   | 42.12                 | 36.71   | 4   |
| 87                           | 90      | 101         | 49      | 309     | 121     | 4,503                 | 3,858   | 17.69                                    | 18.47   | 14.44       | 17.82   | 11.21   | 9.10    | 23.55                 | 20.61   | 5   |
| 42                           | 33      | 63          | 44      | 137     | 48      | 3,892                 | 3,439   | 10.58                                    | 8.04    | 16.86       | 26.11   | 18.46   | 27.32   | 16.96                 | 14.44   | 6   |
| 33                           | 29      | 120         | 81      | 323     | 109     | 2,721                 | 2,435   | 10.92                                    | 14.13   | 12.56       | 24.85   | 9.13    | 9.11    | 18.29                 | 16.79   | 7   |
| 133                          | 142     | 101         | 76      | 263     | 134     | 2,469                 | 2,269   | 17.32                                    | 18.06   | 19.05       | 29.54   | 14.30   | 23.73   | 20.42                 | 19.26   | 8   |
| 5                            | 4       | 62          | 42      | 164     | 85      | 4,020                 | 3,789   | 7.68                                     | 6.81    | 23.07       | 28.24   | 37.02   | 78.56   | 23.33                 | 20.60   | 9   |
| 171                          | 158     | 150         | 89      | 334     | 100     | 3,654                 | 3,082   | 10.55                                    | 9.62    | 21.18       | 30.56   | 25.40   | 55.68   | 17.09                 | 14.35   | 10  |
| 92                           | 72      | 64          | 46      | 135     | 36      | 4,339                 | 4,162   | 16.11                                    | 11.94   | 19.26       | 24.36   | 23.63   | 36.33   | 16.88                 | 15.52   | 11  |
| 129                          | 121     | 135         | 38      | 197     | 43      | 2,995                 | 2,485   | 12.12                                    | 11.47   | 15.02       | 15.44   | 23.06   | 43.48   | 18.12                 | 15.62   | 12  |
| 53                           | 29      | 57          | 29      | 94      | 26      | 2,816                 | 2,646   | 8.87                                     | 4.83    | 13.10       | 17.57   | 15.79   | 29.58   | 18.72                 | 17.36   | 13  |
| 116                          | 80      | 112         | 19      | 205     | 73      | 2,832                 | 2,448   | 23.55                                    | 19.38   | 23.13       | 23.84   | 16.01   | 20.13   | 21.58                 | 19.93   | 14  |
| 24                           | 13      | 107         | 75      | 186     | 84      | 2,557                 | 2,491   | 12.50                                    | 6.87    | 12.01       | 16.69   | 12.61   | 13.30   | 11.70                 | 11.76   | 15  |
| 75                           | 54      | 299         | 244     | 291     | 155     | 3,438                 | 3,016   | 20.86                                    | 15.53   | 18.39       | 23.42   | 14.95   | 26.06   | 18.94                 | 17.36   | 16  |
| 41                           | 48      | 51          | 32      | 79      | 15      | 1,561                 | 1,497   | 29.91                                    | 37.68   | 27.66       | 31.10   | 26.75   | 40.98   | 21.50                 | 20.64   | 17  |
| 93                           | 80      | 144         | 136     | 115     | 59      | 1,106                 | 973     | 28.21                                    | 28.01   | 22.97       | 25.30   | 19.69   | 76.52   | 20.79                 | 18.92   | 18  |
| 163                          | 145     | 75          | 57      | 204     | 76      | 2,458                 | 2,082   | 9.25                                     | 8.14    | 13.64       | 21.39   | 15.32   | 12.14   | 16.41                 | 14.05   | 19  |
| 2                            | 2       | 30          | 25      | 20      | 12      | 2,766                 | 2,747   | 7.66                                     | 9.80    | 25.49       | 30.60   | 14.23   | 22.18   | 23.70                 | 22.33   | 20  |
| 3                            | ...     | 16          | 12      | 27      | 6       | 4,510                 | 4,478   | 25.42                                    | ...     | 19.00       | 31.50   | 15.41   | 24.69   | 34.95                 | 32.72   | 21  |
| 6                            | 5       | 34          | 22      | 40      | 18      | 3,665                 | 3,365   | 8.04                                     | 12.29   | 12.37       | 28.46   | 6.00    | 31.36   | 18.25                 | 16.05   | 22  |
| ...                          | ...     | 15          | 3       | 6       | 1       | 5,875                 | 6,159   | ...                                      | ...     | 21.40       | 7.13    | 8.55    | 7.14    | 26.64                 | 25.70   | 23  |
| 112                          | 116     | 476         | 351     | 509     | 256     | 5,669                 | 5,328   | 24.86                                    | 30.34   | 34.83       | 36.78   | 32.65   | 39.57   | 38.77                 | 34.80   | 24  |
| 9                            | 5       | 91          | 77      | 18      | 3       | 3,094                 | 2,955   | 30.82                                    | 16.67   | 31.42       | 27.07   | 21.92   | 14.49   | 46.68                 | 43.53   | 25  |
| 5                            | 6       | 68          | 59      | 30      | 11      | 3,274                 | 3,427   | 9.40                                     | 25.00   | 28.70       | 30.83   | 14.96   | 17.21   | 24.77                 | 22.93   | 26  |
| ...                          | 1       | 20          | 14      | 11      | 7       | 4,262                 | 4,638   | ...                                      | 7.14    | 24.01       | 43.34   | 7.86    | 21.54   | 20.24                 | 20.36   | 27  |
| 4                            | 6       | 162         | 122     | 120     | 67      | 3,756                 | 3,614   | 3.11                                     | 5.31    | 23.49       | 20.29   | 25.02   | 47.08   | 25.71                 | 23.70   | 28  |
| 26                           | 24      | 41          | 43      | 38      | 28      | 6,265                 | 6,370   | 25.62                                    | 24.17   | 10.47       | 11.66   | 19.87   | 45.68   | 36.39                 | 32.65   | 29  |
| ...                          | 1       | 49          | 63      | 62      | 20      | 5,389                 | 5,530   | ...                                      | 1.99    | 31.35       | 50.48   | 44.86   | 34.84   | 35.57                 | 32.63   | 30  |
| 2                            | ...     | 10          | 5       | 14      | 8       | 5,508                 | 5,848   | 10.31                                    | ...     | 12.48       | 21.65   | 13.74   | 27.30   | 34.48                 | 30.53   | 31  |
| 1,771                        | 1,561   | 5,926       | 4,242   | 6,694   | 2,973   | 108,481               | 103,185 | 15.20                                    | 14.22   | 19.38       | 23.23   | 19.00   | 30.35   | 23.27                 | 21.41   |     |

ANNUAL STATEMENT NO. VI-A.—*Births and Deaths registered from*  
(Paragraphs 8, 9, 13,

| 1<br>No.                          | 2<br>Divisions and Districts. | 3<br>Population<br>(Census 1921). | 4<br>Births. |         |         |             | 5<br>Cholera. | 6<br>Small-pox. | 7<br>Plague. | 8<br>Fever. | 9<br>Dysentery and<br>Diarrhoea. | 10<br>Respiratory<br>Diseases. |
|-----------------------------------|-------------------------------|-----------------------------------|--------------|---------|---------|-------------|---------------|-----------------|--------------|-------------|----------------------------------|--------------------------------|
|                                   |                               |                                   | Male.        | Female. | Total.  | Birth rate. |               |                 |              |             |                                  |                                |
| ARAKAN DIVISION.                  |                               |                                   |              |         |         |             |               |                 |              |             |                                  |                                |
| 1                                 | Akyab ...                     | 535,148                           | 6,996        | 6,499   | 13,495  | 25.22       | 767           | 531             | ...          | 6,523       | 371                              | 520                            |
| 2                                 | Kyaukpyu ...                  | 195,989                           | 2,229        | 2,122   | 4,351   | 22.20       | 98            | 27              | ...          | 1,259       | 138                              | 44                             |
| 3                                 | Sandoway ...                  | 108,267                           | 2,305        | 2,126   | 4,431   | 40.95       | 16            | 10              | ...          | 1,048       | 41                               | 10                             |
| PEGU DIVISION.                    |                               |                                   |              |         |         |             |               |                 |              |             |                                  |                                |
| 4                                 | Pegu ...                      | 419,355                           | 5,401        | 4,962   | 10,363  | 24.71       | 275           | 7               | 36           | 2,147       | 58                               | 119                            |
| 5                                 | Tharrawaddy ...               | 449,000                           | 4,769        | 4,337   | 9,106   | 20.28       | 69            | 30              | 13           | 2,698       | 299                              | 91                             |
| 6                                 | Hanthawaddy ...               | 340,935                           | 4,323        | 4,120   | 8,443   | 24.70       | 69            | 9               | 1            | 1,585       | 182                              | 87                             |
| 7                                 | Insein ...                    | 254,031                           | 3,222        | 3,083   | 6,305   | 24.82       | 65            | 10              | 65           | 1,546       | 112                              | 48                             |
| 8                                 | Prome ...                     | 322,246                           | 4,956        | 4,635   | 9,591   | 29.76       | 11            | 55              | 6            | 3,111       | 167                              | 24                             |
| IRRAWADDY DIVISION.               |                               |                                   |              |         |         |             |               |                 |              |             |                                  |                                |
| 9                                 | Bassein ...                   | 434,904                           | 4,177        | 4,009   | 8,186   | 18.82       | 533           | 5               | 27           | 2,897       | 286                              | 304                            |
| 10                                | Henzada ...                   | 512,412                           | 6,679        | 6,236   | 12,915  | 25.20       | 372           | 35              | 87           | 2,213       | 254                              | 87                             |
| 11                                | Myaungmya ...                 | 349,709                           | 3,773        | 3,607   | 7,380   | 21.36       | 224           | 1               | 18           | 808         | 170                              | 31                             |
| 12                                | Maubin ...                    | 305,938                           | 3,407        | 3,488   | 6,895   | 22.8        | 332           | 7               | 21           | 970         | 216                              | 257                            |
| 13                                | Pyapôn ...                    | 271,661                           | 3,485        | 3,368   | 6,853   | 25.23       | 140           | 14              | ...          | 1,581       | 251                              | 132                            |
| TENASSERIM DIVISION.              |                               |                                   |              |         |         |             |               |                 |              |             |                                  |                                |
| 14                                | Thatôn ...                    | 448,841                           | 4,259        | 4,060   | 8,319   | 18.53       | 198           | 9               | 31           | 1,780       | 203                              | 145                            |
| 15                                | Amherst ...                   | 350,022                           | 6,417        | 6,031   | 12,448  | 35.71       | 172           | 12              | ...          | 1,300       | 167                              | 247                            |
| 16                                | Tavoy ...                     | 129,306                           | 2,627        | 2,435   | 5,112   | 39.53       | ...           | ...             | ...          | 1,831       | 104                              | 119                            |
| 17                                | Mergui ...                    | 117,057                           | 2,570        | 2,344   | 4,914   | 41.9        | ...           | ...             | ...          | 1,352       | 70                               | 103                            |
| 18                                | Toungoo ...                   | 350,117                           | 3,133        | 2,914   | 6,047   | 17.27       | 60            | 121             | 8            | 1,933       | 71                               | 53                             |
| MAGWE DIVISION.                   |                               |                                   |              |         |         |             |               |                 |              |             |                                  |                                |
| 19                                | Thayetmyo ...                 | 233,419                           | 3,558        | 3,355   | 6,913   | 29.62       | 14            | 18              | ...          | 2,850       | 91                               | 14                             |
| 20                                | Minbu ...                     | 262,065                           | 3,759        | 3,592   | 7,351   | 28.05       | 366           | ...             | 35           | 4,285       | 160                              | 89                             |
| 21                                | Magwe ...                     | 393,995                           | 3,692        | 3,614   | 7,306   | 18.54       | 57            | 64              | 14           | 1,752       | 120                              | 28                             |
| 22                                | Pakôkku ...                   | 446,264                           | 6,894        | 6,388   | 13,782  | 30.88       | 360           | 37              | 12           | 5,370       | 466                              | 142                            |
| MANDALAY DIVISION.                |                               |                                   |              |         |         |             |               |                 |              |             |                                  |                                |
| 23                                | Mandalay ...                  | 187,707                           | 2,403        | 2,127   | 4,535   | 24.15       | 155           | 7               | 12           | 1,940       | 44                               | 9                              |
| 24                                | Kyaukse ...                   | 136,570                           | 2,400        | 2,299   | 4,699   | 34.41       | 342           | 3               | 38           | 2,135       | 83                               | 15                             |
| 25                                | Meiktila ...                  | 281,029                           | 4,162        | 4,081   | 8,243   | 29.33       | 76            | 20              | 53           | 1,325       | 245                              | 24                             |
| 26                                | Myingyan ...                  | 415,983                           | 4,356        | 4,297   | 8,649   | 20.79       | 193           | 155             | 73           | 1,379       | 170                              | 50                             |
| 27                                | Yamèthin ...                  | 294,739                           | 4,719        | 4,428   | 9,147   | 31.04       | 21            | 75              | 15           | 2,420       | 99                               | 18                             |
| SAGAING DIVISION.                 |                               |                                   |              |         |         |             |               |                 |              |             |                                  |                                |
| 28                                | Shwebo ...                    | 366,669                           | 5,287        | 5,042   | 10,329  | 28.17       | 197           | 24              | 31           | 6,194       | 279                              | 139                            |
| 29                                | Sagaing ...                   | 310,696                           | 4,735        | 4,703   | 9,438   | 30.38       | 736           | 40              | 42           | 2,510       | 191                              | 45                             |
| 30                                | Lower Chindwin ...            | 344,923                           | 5,445        | 5,165   | 10,611  | 30.76       | 325           | 28              | 65           | 3,924       | 295                              | 105                            |
| Total, Rural Districts,<br>Burma. |                               | 9,568,988                         | 126,234      | 120,153 | 246,387 | 25.75       | 6,543         | 1,354           | 703          | 72,655      | 5,403                            | 3,099                          |

different causes in the Rural Districts of Burma during the year 1929.  
18, 20, 24, 28, 31, 33, 34.)

| 11        |         |                       |                                      |          |        | 12                | 13                            | 14                                       |            |         |        |                          |                       |           |                   |                  |                              | No. |
|-----------|---------|-----------------------|--------------------------------------|----------|--------|-------------------|-------------------------------|--|------------|---------|--------|--------------------------|-----------------------|-----------|-------------------|------------------|------------------------------|-----|
| Injuries. |         |                       |                                      |          |        | All other causes. | Total deaths from all causes. | Ratio of Deaths per 1,000 of population. |            |         |        |                          |                       |           |                   |                  |                              |     |
| Suicide.  |         | Wounding or accident. | Snake-bite or killed by wild beasts. | Rabi. s. | Total. |                   |                               | Cholera.                                 | Small-pox. | Plague. | Fever. | Dysentery and Diarrhoea. | Respiratory Diseases. | Injuries. | All other causes. | From all causes. |                              |     |
| Male.     | Female. |                       |                                      |          |        |                   |                               |  |            |         |        |                          |                       |           |                   | For the year.    | Mean of previous five years. |     |
| 3         | 1       | 57                    | 10                                   | 2        | 73     | 1,678             | 10,463                        | 1.43                                     | 0.99       | ...     | 12.19  | 0.69                     | 0.97                  | 0.14      | 3.14              | 19.55            | 18.63                        | 1   |
| 1         | 1       | 26                    | 6                                    | ...      | 34     | 1,864             | 3,464                         | 0.50                                     | 0.14       | ...     | 6.42   | 0.70                     | 0.22                  | 0.17      | 9.51              | 17.07            | 13.47                        | 2   |
| 1         | 11      | 32                    | 11                                   | 5        | 60     | 1,328             | 2,513                         | 0.15                                     | 0.09       | ...     | 9.68   | 0.39                     | 0.09                  | 0.55      | 12.27             | 23.21            | 22.96                        | 3   |
| 6         | 6       | 50                    | 114                                  | 1        | 177    | 5,483             | 8,297                         | 0.66                                     | 0.02       | 0.09    | 5.11   | 0.14                     | 0.28                  | 0.42      | 13.07             | 19.79            | 17.58                        | 4   |
| 3         | 2       | 73                    | 149                                  | 9        | 230    | 2,920             | 6,356                         | 0.15                                     | 0.07       | 0.07    | 6.07   | 0.67                     | 0.20                  | 0.53      | 6.50              | 14.16            | 16.62                        | 5   |
| 2         | 2       | 43                    | 69                                   | 7        | 123    | 3,572             | 5,628                         | 0.20                                     | 0.03       | 0.00    | 4.65   | 0.53                     | 0.26                  | 0.31      | 10.48             | 16.51            | 15.86                        | 6   |
| 4         | 4       | 26                    | 46                                   | 11       | 91     | 2,707             | 4,648                         | 0.26                                     | 0.04       | 0.26    | 6.06   | 0.44                     | 0.19                  | 0.36      | 10.61             | 18.26            | 16.88                        | 7   |
| 3         | 1       | 36                    | 68                                   | 6        | 114    | 2,968             | 6,450                         | 0.03                                     | 0.17       | 0.02    | 9.65   | 0.52                     | 0.07                  | 0.35      | 9.21              | 20.03            | 23.07                        | 8   |
| 12        | 18      | 19                    | 29                                   | 2        | 80     | 1,638             | 5,770                         | 1.23                                     | 0.01       | 0.06    | 6.66   | 0.66                     | 0.70                  | 0.18      | 3.77              | 13.27            | 15.64                        | 9   |
| 5         | 2       | 35                    | 50                                   | 7        | 99     | 4,336             | 7,481                         | 0.73                                     | 0.07       | 0.17    | 4.32   | 0.50                     | 0.17                  | 0.19      | 8.46              | 14.61            | 17.69                        | 10  |
| 2         | ...     | 17                    | 15                                   | ...      | 34     | 3,811             | 5,091                         | 0.61                                     | 0.00       | 0.05    | 2.31   | 0.41                     | 0.09                  | 0.10      | 10.88             | 14.55            | 13.83                        | 11  |
| 3         | 2       | 22                    | 30                                   | 5        | 62     | 3,116             | 4,971                         | 1.01                                     | 0.07       | 0.07    | 3.17   | 0.71                     | 0.84                  | 0.20      | 10.15             | 16.25            | 16.84                        | 12  |
| ...       | ...     | 63                    | 43                                   | 3        | 109    | 2,915             | 5,442                         | 1.63                                     | 0.05       | ...     | 5.82   | 0.92                     | 0.49                  | 0.40      | 10.75             | 20.03            | 13.30                        | 13  |
| 3         | ...     | 26                    | 37                                   | 4        | 70     | 2,433             | 4,869                         | 0.44                                     | 0.02       | 0.07    | 3.97   | 0.45                     | 0.32                  | 0.16      | 5.42              | 10.95            | 12.78                        | 14  |
| 4         | ...     | 54                    | 44                                   | 5        | 107    | 3,730             | 5,735                         | 0.49                                     | 0.03       | ...     | 3.71   | 0.48                     | 0.71                  | 0.31      | 10.66             | 16.38            | 14.31                        | 15  |
| 1         | ...     | 37                    | 1                                    | ...      | 39     | 523               | 2,516                         | ...                                      | ...        | ...     | 14.16  | 0.80                     | 0.91                  | 0.30      | 4.84              | 20.23            | 20.29                        | 16  |
| 3         | 5       | 52                    | 6                                    | 3        | 69     | 667               | 2,761                         | ...                                      | ...        | ...     | 11.55  | 0.60                     | 0.88                  | 0.59      | 5.70              | 19.32            | 16.27                        | 17  |
| 4         | 2       | 52                    | 32                                   | 7        | 9      | 1,966             | 4,309                         | 0.17                                     | 0.35       | 0.02    | 5.52   | 0.20                     | 0.15                  | 0.28      | 5.62              | 12.31            | 16.20                        | 18  |
| ...       | ...     | 9                     | 11                                   | 1        | 21     | 2,031             | 5,089                         | 0.26                                     | 0.03       | ...     | 12.21  | 0.39                     | 0.05                  | 0.09      | 8.92              | 21.80            | 21.18                        | 19  |
| 4         | 3       | 29                    | 36                                   | 2        | 74     | 3,352             | 8,361                         | 1.40                                     | ...        | 0.13    | 16.35  | 0.61                     | 0.34                  | 0.28      | 12.79             | 31.90            | 27.19                        | 20  |
| 3         | 3       | 26                    | 71                                   | 2        | 105    | 3,874             | 6,014                         | 0.14                                     | 0.16       | 0.04    | 4.45   | 0.30                     | 0.07                  | 0.27      | 9.83              | 15.26            | 16.32                        | 21  |
| 5         | 2       | 55                    | 54                                   | 6        | 122    | 4,511             | 11,020                        | 0.81                                     | 0.08       | 0.03    | 12.03  | 1.04                     | 0.32                  | 0.27      | 10.11             | 14.69            | 22.43                        | 22  |
| 1         | ...     | 11                    | 17                                   | ...      | 29     | 2,369             | 4,565                         | 0.83                                     | 0.04       | 0.06    | 10.34  | 0.23                     | 0.05                  | 0.15      | 12.62             | 24.32            | 23.25                        | 23  |
| ...       | ...     | 16                    | 22                                   | 5        | 43     | 3,301             | 5,960                         | 2.50                                     | 0.02       | 0.28    | 15.63  | 0.61                     | 0.11                  | 0.31      | 24.17             | 43.64            | 32.29                        | 24  |
| 2         | 1       | 28                    | 83                                   | 16       | 130    | 4,710             | 6,533                         | 0.27                                     | 0.07       | 0.19    | 4.71   | 0.87                     | 0.09                  | 0.46      | 16.76             | 23.42            | 17.90                        | 25  |
| 1         | 1       | 16                    | 72                                   | 8        | 98     | 5,528             | 7,646                         | 0.46                                     | 0.37       | 0.18    | 3.32   | 0.41                     | 0.12                  | 0.24      | 13.29             | 18.38            | 16.15                        | 26  |
| 2         | 3       | 38                    | 46                                   | 2        | 91     | 4,044             | 6,783                         | 0.07                                     | 0.25       | 0.05    | 8.21   | 0.34                     | 0.06                  | 0.31      | 13.72             | 23.01            | 20.20                        | 27  |
| 7         | ...     | 43                    | 38                                   | 24       | 112    | 5,199             | 12,175                        | 0.54                                     | 0.07       | 0.08    | 16.89  | 0.76                     | 0.38                  | 0.31      | 14.18             | 33.20            | 23.28                        | 28  |
| 7         | 1       | 38                    | 94                                   | 6        | 146    | 6,454             | 10,116                        | 2.37                                     | 0.13       | 0.14    | 8.08   | 0.61                     | 0.14                  | 0.47      | 20.77             | 32.71            | 19.47                        | 29  |
| 5         | 4       | 23                    | 75                                   | 4        | 111    | 6,016             | 10,860                        | 0.94                                     | 0.08       | 0.19    | 11.38  | 0.86                     | 0.30                  | 0.32      | 17.44             | 31.51            | 22.06                        | 30  |
| 97        | 75      | 1,052                 | 1,379                                | 153      | 2,756  | 99,077            | 191,591                       | 0.68                                     | 0.14       | 0.07    | 7.59   | 0.56                     | 0.32                  | 0.29      | 10.35             | 20.02            | 18.25                        |     |

## ANNUAL STATEMENT NO. VI-B.—Births and Deaths registered from different causes in

| 1                    | 2                    | 3                         | 4       |         |        |             | 5   | 6   | 7   | 8   | 9   | 10    |          |            |         |        |                          |                       |
|----------------------|----------------------|---------------------------|---------|---------|--------|-------------|-----|-----|-----|-----|-----|-------|----------|------------|---------|--------|--------------------------|-----------------------|
|                      |                      |                           | Births. |         |        | Birth rate. |     |     |     |     |     |       | Cholera. | Small-pox. | Plague. | Fever. | Dysentery and Diarrhoea. | Respiratory Diseases. |
|                      |                      |                           | Male.   | Female. | Total. |             |     |     |     |     |     |       |          |            |         |        |                          |                       |
| No.                  | Divisions and Towns. | Population (Census 1921). |         |         |        |             |     |     |     |     |     |       |          |            |         |        |                          |                       |
| ARAKAN DIVISION.     |                      |                           |         |         |        |             |     |     |     |     |     |       |          |            |         |        |                          |                       |
| 1                    | Akyab ...            | 36,569                    | 317     | 334     | 651    | 17·80       | 37  | 11  | ... | 109 | 24  | 132   |          |            |         |        |                          |                       |
| 2                    | Minbya ...           | 2,323                     | 32      | 26      | 58     | 24·97       | ... | ... | ... | 22  | 8   | 15    |          |            |         |        |                          |                       |
| 3                    | Kyaukpyu ...         | 3,884                     | 53      | 59      | 112    | 28·84       | 3   | ... | ... | 22  | ... | 8     |          |            |         |        |                          |                       |
| 4                    | Sandoway ...         | 3,762                     | 57      | 66      | 123    | 32·70       | 1   | ... | ... | 29  | 2   | 2     |          |            |         |        |                          |                       |
| PEGU DIVISION.       |                      |                           |         |         |        |             |     |     |     |     |     |       |          |            |         |        |                          |                       |
| 5                    | Rangoon ...          | 345,505                   | 4,248   | 3,935   | 8,183  | 23·68       | 61  | 13  | 94  | 438 | 915 | 3,133 |          |            |         |        |                          |                       |
| 6                    | Pegu ...             | 18,769                    | 350     | 320     | 670    | 35·70       | 8   | 5   | 42  | 185 | 92  | 118   |          |            |         |        |                          |                       |
| 7                    | Nyaunglebin ...      | 7,496                     | 129     | 131     | 260    | 34·69       | ... | ... | 14  | 63  | 12  | 39    |          |            |         |        |                          |                       |
| 8                    | Tharrawaddy ...      | 3,625                     | 85      | 54      | 139    | 38·34       | 1   | ... | 1   | 38  | 13  | 23    |          |            |         |        |                          |                       |
| 9                    | Thônzè ...           | 6,594                     | 151     | 137     | 288    | 43·68       | 1   | 7   | 12  | 25  | 21  | 42    |          |            |         |        |                          |                       |
| 10                   | Zigôn ...            | 6,916                     | 94      | 70      | 164    | 23·71       | ... | 5   | 16  | 26  | 15  | 4     |          |            |         |        |                          |                       |
| 11                   | Letpadan ...         | 9,901                     | 141     | 120     | 261    | 26·36       | 2   | ... | 11  | 32  | 9   | 56    |          |            |         |        |                          |                       |
| 12                   | Gyobingauk ...       | 7,666                     | 119     | 126     | 245    | 31·96       | 1   | 5   | 47  | 11  | 25  | 80    |          |            |         |        |                          |                       |
| 13                   | Minhla ...           | 3,829                     | 64      | 73      | 137    | 35·78       | ... | 1   | ... | 30  | 5   | 7     |          |            |         |        |                          |                       |
| 14                   | Nattalin ...         | 4,898                     | 63      | 56      | 119    | 24·30       | ... | 11  | 3   | 41  | 2   | 4     |          |            |         |        |                          |                       |
| 15                   | Syriam ...           | 15,193                    | 168     | 167     | 335    | 22·05       | ... | ... | ... | 79  | 16  | 28    |          |            |         |        |                          |                       |
| 16                   | Thôngwa ...          | 8,495                     | 142     | 124     | 266    | 31·31       | ... | ... | ... | 54  | 21  | 34    |          |            |         |        |                          |                       |
| 17                   | Insein ...           | 14,308                    | 170     | 151     | 321    | 22·44       | 2   | ... | 1   | 78  | 52  | 75    |          |            |         |        |                          |                       |
| 18                   | Thamaing ...         | 4,109                     | 65      | 32      | 97     | 23·61       | ... | ... | ... | 34  | 7   | 20    |          |            |         |        |                          |                       |
| 19                   | Kamayut ...          | 6,483                     | 58      | 50      | 108    | 16·66       | ... | ... | ... | 129 | 22  | 6     |          |            |         |        |                          |                       |
| 20                   | Thingangyun ...      | 5,389                     | 52      | 56      | 108    | 20·04       | ... | ... | ... | 25  | 2   | 4     |          |            |         |        |                          |                       |
| 21                   | Kanbe ...            | 5,220                     | 82      | 65      | 147    | 28·16       | ... | 2   | ... | 51  | 2   | 7     |          |            |         |        |                          |                       |
| 22                   | Prome ...            | 26,067                    | 471     | 411     | 882    | 33·84       | 11  | 1   | 48  | 110 | 26  | 173   |          |            |         |        |                          |                       |
| 23                   | Shwedaung ...        | 9,108                     | 129     | 109     | 238    | 26·13       | 2   | ... | 20  | 14  | 13  | 27    |          |            |         |        |                          |                       |
| 24                   | Paungdè ...          | 14,154                    | 130     | 127     | 257    | 18·16       | ... | 28  | 43  | 47  | 23  | 139   |          |            |         |        |                          |                       |
| IRRAWADDY DIVISION.  |                      |                           |         |         |        |             |     |     |     |     |     |       |          |            |         |        |                          |                       |
| 25                   | Bassein ...          | 42,563                    | 717     | 674     | 1,391  | 32·68       | 211 | ... | 48  | 95  | 112 | 293   |          |            |         |        |                          |                       |
| 26                   | Ngathainggyaung ...  | 5,122                     | 71      | 64      | 135    | 26·36       | 23  | ... | 5   | 8   | 14  | 25    |          |            |         |        |                          |                       |
| 27                   | Kyônpyaw ...         | 6,884                     | 90      | 90      | 180    | 26·15       | 42  | ... | ... | 8   | 11  | 42    |          |            |         |        |                          |                       |
| 28                   | Henzada ...          | 23,651                    | 399     | 428     | 827    | 34·97       | 60  | ... | 43  | 86  | 59  | 238   |          |            |         |        |                          |                       |
| 29                   | Myanaung ...         | 7,793                     | 121     | 128     | 249    | 31·95       | ... | ... | 54  | 40  | 26  | 22    |          |            |         |        |                          |                       |
| 30                   | Kyangin ...          | 7,064                     | 123     | 123     | 246    | 34·82       | 2   | ... | 1   | 45  | 32  | 5     |          |            |         |        |                          |                       |
| 31                   | Myaungmya ...        | 6,280                     | 101     | 101     | 202    | 32·17       | 48  | ... | 39  | 18  | 38  | 88    |          |            |         |        |                          |                       |
| 32                   | Wakèma ...           | 8,447                     | 160     | 144     | 304    | 35·99       | 49  | ... | 64  | 80  | 34  | 50    |          |            |         |        |                          |                       |
| 33                   | Moulmeingyun ...     | 6,115                     | 93      | 86      | 179    | 29·27       | 79  | ... | ... | 54  | 35  | 55    |          |            |         |        |                          |                       |
| 34                   | Maubin ...           | 6,812                     | 95      | 98      | 193    | 28·33       | 24  | 7   | 10  | 8   | 17  | 43    |          |            |         |        |                          |                       |
| 35                   | Yandoon ...          | 9,344                     | 119     | 123     | 242    | 25·90       | 63  | ... | 2   | 29  | 14  | 44    |          |            |         |        |                          |                       |
| 36                   | Danubyu ...          | 8,012                     | 101     | 102     | 203    | 25·34       | 8   | ... | ... | 23  | 29  | 28    |          |            |         |        |                          |                       |
| 37                   | Pyapôn ...           | 8,109                     | 126     | 69      | 195    | 24·05       | 19  | 2   | ... | 64  | 47  | 61    |          |            |         |        |                          |                       |
| 38                   | Kyaiklat ...         | 9,224                     | 116     | 90      | 206    | 22·33       | 66  | 36  | 14  | 86  | 68  | 45    |          |            |         |        |                          |                       |
| TENASSERIM DIVISION. |                      |                           |         |         |        |             |     |     |     |     |     |       |          |            |         |        |                          |                       |
| 39                   | Thatôn ...           | 15,091                    | 277     | 291     | 568    | 37·64       | ... | 1   | 5   | 54  | 59  | 174   |          |            |         |        |                          |                       |
| 40                   | Kyaikto ...          | 7,168                     | 81      | 77      | 158    | 22·04       | 3   | 1   | 38  | 21  | 23  | 31    |          |            |         |        |                          |                       |
| 41                   | Moulmein ...         | 61,301                    | 904     | 838     | 1,742  | 28·42       | 58  | 54  | 1   | 85  | 106 | 359   |          |            |         |        |                          |                       |
| 42                   | Kawkareik ...        | 6,587                     | 174     | 157     | 331    | 50·25       | ... | ... | ... | 119 | 20  | 17    |          |            |         |        |                          |                       |
| 43                   | Tavov ...            | 27,480                    | 484     | 467     | 951    | 34·61       | ... | ... | ... | 350 | 28  | 60    |          |            |         |        |                          |                       |

*the Towns of Burma during the year 1929. (Paras. 8, 11, 14, 18, 21, 25, 29, 31, 33, 34.)*

| 11        |          |                       |                                      |         |        | 12                | 13                            | 14                                       |            |         |        |                          |                       |           |                   |                  |       |
|-----------|----------|-----------------------|--------------------------------------|---------|--------|-------------------|-------------------------------|--|------------|---------|--------|--------------------------|-----------------------|-----------|-------------------|------------------|-------|
| Injuries. |          |                       |                                      |         |        | All other causes. | Total deaths from all causes. | Ratio of Deaths per 1,000 of population. |            |         |        |                          |                       |           |                   |                  |       |
| Suicide.  |          | Wounding or accident. | Snake-bite or killed by wild beasts. | Rabies. | Total. |                   |                               | Cholera.                                 | Small-pox. | Plague. | Fever. | Dysentery and Diarrhoea. | Respiratory Diseases. | Injuries. | All other causes. | From all causes. |       |
| Males.    | Females. |                       |                                      |         |        | For the year.     | Mean of previous five years.  |  |            |         |        |                          |                       |           |                   |                  |       |
| 1         | ...      | 17                    | ...                                  | 1       | 19     | 483               | 815                           | 1.01                                     | 0.30       | ...     | 2.98   | 0.66                     | 3.61                  | 0.52      | 13.21             | 22.29            | 25.46 |
| ...       | ...      | ...                   | ...                                  | ...     | ...    | 12                | 57                            | ...                                      | ...        | ...     | 9.47   | 3.44                     | 6.46                  | ...       | 5.17              | 24.54            | 27.21 |
| ...       | ...      | 2                     | ...                                  | ...     | 2      | 79                | 114                           | 0.77                                     | ...        | ...     | 5.66   | ...                      | 2.06                  | 0.51      | 20.34             | 29.35            | 20.91 |
| ...       | ...      | 2                     | ...                                  | ...     | 2      | 31                | 67                            | 0.27                                     | ...        | ...     | 7.71   | 0.53                     | 0.53                  | 0.53      | 8.24              | 17.81            | 22.49 |
| 4         | ...      | 234                   | 4                                    | 6       | 248    | 6,078             | 10,980                        | 0.18                                     | 0.04       | 0.27    | 1.27   | 2.65                     | 9.07                  | 0.72      | 17.59             | 31.78            | 33.92 |
| 3         | 1        | 57                    | 1                                    | 2       | 64     | 384               | 898                           | 0.43                                     | 0.27       | 2.24    | 9.86   | 4.90                     | 6.29                  | 3.41      | 20.46             | 47.84            | 47.45 |
| ...       | ...      | 7                     | 1                                    | ...     | 8      | 162               | 298                           | ...                                      | ...        | 1.87    | 8.40   | 1.60                     | 5.20                  | 1.07      | 21.61             | 39.75            | 50.96 |
| ...       | ...      | ...                   | ...                                  | ...     | ...    | 49                | 125                           | 0.28                                     | ...        | 0.28    | 10.48  | 3.59                     | 6.34                  | ...       | 13.52             | 34.48            | 32.22 |
| 1         | ...      | 2                     | 1                                    | ...     | 4      | 168               | 280                           | 0.15                                     | 1.06       | 1.82    | 3.79   | 3.18                     | 6.37                  | 0.61      | 25.48             | 42.46            | 40.67 |
| ...       | ...      | 2                     | 2                                    | 1       | 5      | 148               | 219                           | ...                                      | 0.72       | 2.31    | 3.76   | 2.17                     | 0.58                  | 0.72      | 21.40             | 31.67            | 37.02 |
| 2         | ...      | 16                    | ...                                  | 2       | 20     | 186               | 316                           | 0.20                                     | ...        | 1.11    | 3.23   | 0.91                     | 5.66                  | 2.02      | 18.79             | 31.92            | 32.40 |
| ...       | ...      | 3                     | 5                                    | ...     | 8      | 167               | 344                           | 0.13                                     | 0.65       | 6.13    | 1.43   | 3.26                     | 10.44                 | 1.04      | 21.78             | 44.87            | 50.12 |
| ...       | ...      | ...                   | ...                                  | ...     | ...    | 33                | 76                            | ...                                      | 0.26       | ...     | 7.83   | 1.31                     | 1.83                  | ...       | 8.62              | 19.85            | 42.15 |
| ...       | ...      | 1                     | 1                                    | ...     | 2      | 43                | 106                           | ...                                      | 2.25       | 0.61    | 8.37   | 0.41                     | 0.82                  | 0.41      | 8.78              | 21.64            | 31.24 |
| ...       | ...      | 26                    | 1                                    | ...     | 27     | 201               | 351                           | ...                                      | ...        | ...     | 5.20   | 1.05                     | 1.84                  | 1.78      | 13.23             | 23.10            | 24.17 |
| ...       | ...      | 8                     | ...                                  | 1       | 9      | 120               | 238                           | ...                                      | ...        | ...     | 6.36   | 2.47                     | 4.00                  | 1.06      | 14.12             | 28.01            | 29.00 |
| ...       | 1        | 31                    | ...                                  | ...     | 32     | 259               | 499                           | 0.14                                     | ...        | 0.07    | 5.45   | 3.63                     | 5.24                  | 2.24      | 18.10             | 34.88            | 29.66 |
| ...       | ...      | 5                     | ...                                  | ...     | 5      | 81                | 147                           | ...                                      | ...        | ...     | 8.27   | 1.70                     | 4.87                  | 1.22      | 19.71             | 35.78            | ...   |
| ...       | ...      | ...                   | ...                                  | ...     | ...    | 12                | 169                           | ...                                      | ...        | ...     | 19.90  | 3.39                     | 0.93                  | ...       | 1.85              | 26.07            | ...   |
| ...       | ...      | 4                     | ...                                  | ...     | 4      | 126               | 161                           | ...                                      | ...        | ...     | 4.64   | 0.37                     | 0.74                  | 0.74      | 23.38             | 29.88            | ...   |
| ...       | ...      | 5                     | ...                                  | ...     | 5      | 95                | 162                           | ...                                      | 0.38       | ...     | 9.77   | 0.38                     | 1.34                  | 0.96      | 18.20             | 31.03            | ...   |
| 1         | ...      | 46                    | 2                                    | ...     | 49     | 663               | 1,081                         | 0.42                                     | 0.04       | 1.84    | 4.22   | 1.00                     | 6.64                  | 1.88      | 25.43             | 41.47            | 48.49 |
| ...       | ...      | 3                     | ...                                  | ...     | 3      | 138               | 217                           | 0.22                                     | ...        | 2.20    | 1.54   | 1.43                     | 2.96                  | 0.33      | 15.15             | 23.83            | 32.65 |
| ...       | ...      | 21                    | 4                                    | ...     | 25     | 185               | 490                           | ...                                      | 1.98       | 3.04    | 3.32   | 1.62                     | 9.82                  | 1.77      | 13.07             | 34.62            | 38.55 |
| ...       | ...      | 21                    | 1                                    | 1       | 23     | 837               | 1,619                         | 4.96                                     | ...        | 1.13    | 2.23   | 2.63                     | 6.88                  | 0.54      | 19.66             | 38.04            | 40.89 |
| 1         | ...      | 3                     | ...                                  | ...     | 4      | 84                | 163                           | 4.49                                     | ...        | 0.98    | 1.56   | 2.73                     | 4.88                  | 0.78      | 16.40             | 31.82            | 33.81 |
| 1         | ...      | 3                     | ...                                  | ...     | 4      | 118               | 225                           | 6.10                                     | ...        | ...     | 1.16   | 1.60                     | 6.10                  | 0.58      | 17.14             | 32.68            | 25.57 |
| ...       | ...      | 25                    | 2                                    | ...     | 27     | 478               | 991                           | 2.54                                     | ...        | 1.82    | 3.64   | 2.49                     | 10.06                 | 1.14      | 20.21             | 41.90            | 38.82 |
| ...       | ...      | 7                     | ...                                  | ...     | 7      | 166               | 315                           | ...                                      | ...        | 6.93    | 5.13   | 3.34                     | 2.82                  | 0.90      | 21.30             | 40.42            | 36.98 |
| ...       | ...      | 1                     | ...                                  | ...     | 1      | 148               | 234                           | 0.28                                     | ...        | 0.14    | 6.37   | 4.53                     | 0.71                  | 0.14      | 20.95             | 33.13            | 35.96 |
| ...       | ...      | 12                    | ...                                  | ...     | 12     | 127               | 370                           | 7.64                                     | ...        | 6.21    | 2.87   | 6.05                     | 14.01                 | 1.91      | 20.22             | 58.92            | 45.54 |
| ...       | ...      | 16                    | 1                                    | ...     | 17     | 135               | 429                           | 5.80                                     | ...        | 7.58    | 9.47   | 4.03                     | 5.92                  | 2.01      | 15.98             | 50.79            | 42.10 |
| 2         | ...      | 14                    | ...                                  | 1       | 17     | 164               | 404                           | 12.92                                    | ...        | ...     | 8.83   | 5.72                     | 8.99                  | 2.78      | 26.82             | 66.07            | 48.93 |
| ...       | ...      | 6                     | 2                                    | ...     | 8      | 176               | 293                           | 3.52                                     | 1.03       | 1.47    | 1.17   | 2.50                     | 6.31                  | 1.17      | 25.84             | 43.01            | 34.85 |
| ...       | ...      | 13                    | ...                                  | ...     | 13     | 232               | 397                           | 6.74                                     | ...        | 0.21    | 3.10   | 1.50                     | 4.71                  | 1.39      | 24.83             | 42.49            | 36.24 |
| ...       | ...      | 4                     | 1                                    | ...     | 5      | 80                | 173                           | 1.00                                     | ...        | ...     | 2.87   | 3.62                     | 3.49                  | 0.62      | 9.99              | 21.59            | 23.51 |
| ...       | ...      | 5                     | ...                                  | ...     | 5      | 133               | 331                           | 2.34                                     | 0.25       | ...     | 7.89   | 5.80                     | 7.52                  | 0.62      | 16.40             | 40.82            | 47.46 |
| ...       | 1        | 6                     | ...                                  | 2       | 9      | 189               | 513                           | 7.16                                     | 3.90       | 1.52    | 9.32   | 7.37                     | 4.88                  | 0.98      | 20.49             | 55.62            | 35.36 |
| 4         | ...      | 4                     | ...                                  | ...     | 8      | 209               | 510                           | ...                                      | 0.07       | 0.33    | 3.58   | 3.91                     | 11.53                 | 0.53      | 13.85             | 33.79            | 34.62 |
| ...       | ...      | 7                     | ...                                  | 2       | 9      | 159               | 285                           | 0.42                                     | 0.14       | 5.30    | 2.93   | 3.21                     | 4.32                  | 1.26      | 22.18             | 39.76            | 43.55 |
| ...       | ...      | 18                    | ...                                  | ...     | 18     | 915               | 1,596                         | 0.95                                     | 0.88       | 0.02    | 1.39   | 1.73                     | 5.86                  | 0.29      | 14.93             | 26.01            | 29.04 |
| ...       | ...      | 3                     | ...                                  | ...     | 3      | 153               | 312                           | ...                                      | ...        | ...     | 18.07  | 3.04                     | 2.58                  | 0.46      | 23.23             | 47.37            | 44.75 |
| ...       | ...      | 28                    | ...                                  | ...     | 28     | 373               | 839                           | ...                                      | ...        | ...     | 12.74  | 1.02                     | 2.18                  | 1.02      | 13.57             | 30.53            | 28.78 |

## ANNUAL STATEMENT NO. VI-B.—Births and Deaths registered

| 1<br>No.                         | 2<br>Divisions and Towns. | 3<br>Population (Census 1921). | 4<br>Births.                     |         |         | 5<br>Birth rate. | 6<br>Cholera. | 7<br>Small-pox. | 8<br>Plague. | 9<br>Fever. | 10<br>Dysentery and Diarrhoea. | 11<br>Respiratory Diseases. |
|----------------------------------|---------------------------|--------------------------------|----------------------------------|---------|---------|------------------|---------------|-----------------|--------------|-------------|--------------------------------|-----------------------------|
|                                  |                           |                                | Male.                            | Female. | Total.  |                  |               |                 |              |             |                                |                             |
|                                  |                           |                                | TENASSERIM DIVISION<br>—concl'd. |         |         |                  |               |                 |              |             |                                |                             |
| 44                               | Mergui ...                | 18,408                         | 285                              | 278     | 563     | 30·58            | ...           | ...             | ...          | 235         | 9                              | 36                          |
| 45                               | Toungoo ...               | 19,332                         | 241                              | 264     | 505     | 26·12            | 1             | ...             | 31           | 124         | 75                             | 134                         |
| 46                               | Shwegyin ...              | 5,758                          | 92                               | 77      | 169     | 29·35            | 1             | ...             | 8            | 61          | 30                             | 28                          |
| 47                               | Pyu ...                   | 6,676                          | 117                              | 103     | 220     | 32·95            | ...           | 1               | ...          | 32          | 19                             | 21                          |
| MAGWE DIVISION.                  |                           |                                |                                  |         |         |                  |               |                 |              |             |                                |                             |
| 48                               | Thayetmyo ...             | 10,768                         | 155                              | 171     | 326     | 30·27            | ...           | ...             | ...          | 54          | 11                             | 41                          |
| 49                               | Allaninyo ...             | 11,219                         | 177                              | 154     | 331     | 29·50            | ...           | ...             | ...          | 97          | 3                              | 11                          |
| 50                               | Minbu ...                 | 5,403                          | 108                              | 97      | 205     | 37·94            | ...           | ...             | 2            | 30          | 4                              | 26                          |
| 51                               | Salin ...                 | 6,834                          | 105                              | 90      | 195     | 28·53            | 102           | ...             | 2            | 173         | 15                             | 19                          |
| 52                               | Magwe ...                 | 7,819                          | 139                              | 119     | 258     | 33·01            | 1             | ...             | 1            | 21          | 8                              | 14                          |
| 53                               | Taungdwingyi ...          | 6,306                          | 137                              | 135     | 272     | 43·1             | ...           | ...             | 5            | 53          | 10                             | 135                         |
| 54                               | Yena igyaung ...          | 9,515                          | 171                              | 199     | 370     | 38·89            | 3             | ...             | 2            | 72          | 32                             | 111                         |
| 55                               | Chauk ...                 | 5,617                          | 42                               | 27      | 69      | 12·28            | 1             | ...             | 2            | 54          | 4                              | 5                           |
| 56                               | Pakôkku ...               | 19,507                         | 366                              | 376     | 742     | 38·04            | 81            | 11              | 1            | 62          | 32                             | 211                         |
| MANDALAY DIVISION.               |                           |                                |                                  |         |         |                  |               |                 |              |             |                                |                             |
| 57                               | Mandalay ...              | 148,917                        | 4,045                            | 3,610   | 7,655   | 51·40            | 262           | 11              | 219          | 942         | 479                            | 1,473                       |
| 58                               | Maymyo ...                | 16,558                         | 391                              | 345     | 736     | 44·45            | 1             | ...             | ...          | 75          | 44                             | 119                         |
| 59                               | Myitngè ...               | 3,439                          | 9                                | 55      | 150     | 43·62            | 10            | ...             | 2            | 11          | 13                             | 18                          |
| 60                               | Kyauksè ...               | 6,107                          | 100                              | 106     | 206     | 33·73            | 4             | 1               | 7            | 64          | 9                              | 54                          |
| 61                               | Meiktila ...              | 8,868                          | 191                              | 171     | 362     | 40·82            | ...           | ...             | 6            | 40          | 28                             | 83                          |
| 62                               | Myingyan ...              | 18,931                         | 343                              | 362     | 705     | 37·24            | 13            | 259             | 82           | 42          | 14                             | 319                         |
| 63                               | Nyaung-u ...              | 7,094                          | 67                               | 83      | 150     | 21·14            | 8             | ...             | ...          | 20          | 12                             | 25                          |
| 64                               | Yamèthin ...              | 8,869                          | 159                              | 150     | 309     | 34·84            | ...           | 1               | 10           | 76          | 14                             | 33                          |
| 65                               | Pyinmana ...              | 14,886                         | 316                              | 284     | 600     | 40·31            | 1             | ...             | 27           | 94          | 38                             | 76                          |
| 66                               | Pyawbwè ...               | 4,704                          | 78                               | 52      | 130     | 27·64            | ...           | 6               | 16           | 33          | 23                             | 35                          |
| SAGAING DIVISION.                |                           |                                |                                  |         |         |                  |               |                 |              |             |                                |                             |
| 67                               | Shwebo ...                | 10,605                         | 330                              | 323     | 653     | 61·57            | 8             | 1               | 1            | 80          | 24                             | 72                          |
| 68                               | Ye-u ...                  | 2,742                          | 61                               | 59      | 120     | 43·76            | ...           | ...             | ...          | 14          | ...                            | 32                          |
| 69                               | Sagaing ...               | 11,858                         | 237                              | 205     | 442     | 37·27            | 22            | 2               | 18           | 223         | 12                             | 26                          |
| 70                               | Myinmu ...                | 4,354                          | 80                               | 55      | 135     | 31·01            | 1             | ...             | 3            | 38          | 1                              | 26                          |
| 71                               | Mônnywa ...               | 9,225                          | 203                              | 163     | 366     | 39·67            | 22            | 4               | 21           | 106         | 16                             | 169                         |
| Total of Towns, Burma            |                           | 1,253,630                      | 20,553                           | 19,062  | 39,615  | 31·60            | 1,427         | 487             | 1,164        | 5,891       | 3,078                          | 9,208                       |
| Total of Rural Districts, Burma. |                           | 9,568,988                      | 126,234                          | 120,153 | 246,387 | 25·75            | 6,543         | 1,354           | 703          | 72,655      | 5,403                          | 3,099                       |
| GRAND TOTAL, BURMA               |                           | 10,822,618                     | 146,787                          | 139,215 | 286,002 | 26·43            | 7,970         | 1,841           | 1,867        | 78,546      | 8,481                          | 12,307                      |

from different causes in the Towns of Burma during the year 1929.

| 11        |          |                       |                                      |         |        | 12                | 13                            | 14                                       |            |         |        |                          |                       |           |                   |                  |       |  |
|-----------|----------|-----------------------|--------------------------------------|---------|--------|-------------------|-------------------------------|--|------------|---------|--------|--------------------------|-----------------------|-----------|-------------------|------------------|-------|--|
| Injuries. |          |                       |                                      |         |        | All other causes. | Total deaths from all causes. | Ratio of Deaths per 1,000 of population. |            |         |        |                          |                       |           |                   |                  |       |  |
| Suicide.  |          | Wounding or accident. | Snake-bite or killed by wild beasts. | Rabies. | Total. |                   |                               | Cholera.                                 | Small-pox. | Plague. | Fever. | Dysentery and Diarrhoea. | Respiratory Diseases. | Injuries. | All other causes. | From all causes. |       |  |
| Males.    | Females. |                       |                                      |         |        | For the year.     | Mean of previous five years.  |  |            |         |        |                          |                       |           |                   |                  |       |  |
| ...       | ...      | 28                    | 1                                    | ...     | 29     | 241               | 550                           | ...                                      | ...        | ...     | 12.77  | 0.49                     | 1.96                  | 1.58      | 13.09             | 29.88            | 35.31 |  |
| 3         | ...      | 21                    | ...                                  | 2       | 20     | 290               | 68                            | 0.05                                     | ...        | 1.00    | 6.41   | 3.88                     | 6.93                  | 1.34      | 15.00             | 35.23            | 32.46 |  |
| ...       | ...      | 2                     | ...                                  | 1       | 3      | 8                 | 218                           | 0.17                                     | ...        | 1.39    | 10.59  | 5.21                     | 4.86                  | 0.52      | 15.11             | 37.86            | 35.12 |  |
| ...       | ...      | 8                     | 1                                    | 1       | 10     | 73                | 150                           | ...                                      | 0.15       | ...     | 4.79   | 2.85                     | 3.15                  | 1.50      | 10.93             | 23.37            | 34.96 |  |
| ...       | ...      | 10                    | ...                                  | ...     | 10     | 209               | 325                           | ...                                      | ...        | ...     | 5.01   | 1.02                     | 3.81                  | 0.93      | 19.41             | 30.18            | 39.65 |  |
| ...       | ...      | 3                     | ...                                  | ...     | 3      | 237               | 351                           | ...                                      | ...        | ...     | 8.65   | 0.27                     | 0.98                  | 0.27      | 21.12             | 31.29            | 35.32 |  |
| ...       | ...      | 10                    | ...                                  | ...     | 10     | 148               | 24                            | ...                                      | ...        | 4.44    | 5.55   | 0.74                     | 4.8                   | 1.85      | 27.39             | 44.79            | 41.53 |  |
| ...       | ...      | 1                     | ...                                  | ...     | 1      | 214               | 520                           | 14.03                                    | ...        | 0.29    | 25.31  | 2.19                     | 2.78                  | 0.15      | 31.31             | 76.97            | 46.44 |  |
| ...       | ...      | 3                     | ...                                  | ...     | 3      | 180               | 228                           | 0.13                                     | ...        | 0.13    | 2.69   | 1.02                     | 1.79                  | 0.38      | 23.02             | 29.16            | 45.45 |  |
| ...       | ...      | 19                    | 1                                    | ...     | 20     | 161               | 384                           | ...                                      | ...        | 0.79    | 8.40   | 1.59                     | 21.41                 | 3.17      | 25.53             | 60.89            | 48.49 |  |
| 1         | ...      | 4                     | ...                                  | ...     | 5      | 163               | 388                           | 0.37                                     | ...        | 0.21    | 7.57   | 3.3                      | 11.67                 | 0.53      | 17.13             | 40.78            | 47.80 |  |
| 1         | ...      | 5                     | ...                                  | ...     | 8      | 80                | 154                           | 0.18                                     | ...        | 0.30    | 9.61   | 0.7                      | 0.89                  | 1.42      | 14.24             | 27.42            | ...   |  |
| ...       | ...      | 7                     | ...                                  | ...     | 10     | 640               | 1,048                         | 4.15                                     | 0.56       | 0.05    | 3.18   | 1.6                      | 10.82                 | 0.51      | 32.81             | 53.72            | 46.44 |  |
| 4         | 2        | 53                    | 2                                    | 4       | 67     | 4,314             | 7,767                         | 1.70                                     | 0.07       | 1.47    | 6.33   | 3.22                     | 9.89                  | 0.45      | 28.97             | 52.16            | 47.25 |  |
| 2         | ...      | 14                    | ...                                  | 1       | 17     | 270               | 520                           | 0.00                                     | ...        | ...     | 4.53   | 2.60                     | 7.19                  | 1.03      | 16.31             | 31.77            | 29.05 |  |
| ...       | ...      | 1                     | ...                                  | ...     | 1      | 77                | 132                           | 2.91                                     | ...        | 0.58    | 3.20   | 3.78                     | 5.23                  | 0.29      | 22.39             | 38.38            | 36.23 |  |
| ...       | ...      | 2                     | 1                                    | ...     | 3      | 163               | 305                           | 0.65                                     | 0.16       | 1.15    | 10.48  | 1.4                      | 8.84                  | 0.49      | 26.69             | 49.94            | 48.70 |  |
| 2         | ...      | 17                    | ...                                  | ...     | 19     | 135               | 311                           | ...                                      | ...        | 0.68    | 4.51   | 3.10                     | 9.36                  | 2.14      | 15.22             | 35.07            | 40.03 |  |
| ...       | ...      | 4                     | 2                                    | 1       | 7      | 400               | 1,142                         | 0.69                                     | 13.68      | 4.35    | 2.22   | 0.74                     | 16.85                 | 0.37      | 21.45             | 60.32            | 41.78 |  |
| ...       | ...      | 2                     | ...                                  | ...     | 4      | 106               | 175                           | 1.13                                     | ...        | ...     | 2.82   | 1.69                     | 3.52                  | 0.56      | 14.94             | 24.67            | 27.21 |  |
| ...       | ...      | 11                    | 2                                    | ...     | 13     | 95                | 245                           | ...                                      | 0.11       | 1.13    | 8.57   | 1.58                     | 3.72                  | 1.47      | 11.05             | 27.62            | 29.16 |  |
| ...       | ...      | 14                    | 1                                    | 1       | 16     | 425               | 677                           | 0.07                                     | ...        | 1.81    | 6.31   | 2.55                     | 5.11                  | 1.07      | 28.55             | 45.48            | 44.73 |  |
| ...       | ...      | ...                   | ...                                  | ...     | ...    | 109               | 222                           | ...                                      | 1.28       | 3.40    | 7.02   | 4.89                     | 7.44                  | ...       | 23.17             | 47.19            | 49.62 |  |
| 5         | 2        | 8                     | 1                                    | 1       | 17     | 344               | 547                           | 0.75                                     | 0.09       | 0.09    | 7.54   | 2.26                     | 6.79                  | 1.60      | 32.44             | 51.58            | 39.42 |  |
| ...       | ...      | 5                     | ...                                  | ...     | 5      | 65                | 116                           | ...                                      | ...        | ...     | 5.11   | ...                      | 11.67                 | 1.82      | 23.71             | 42.31            | 39.53 |  |
| ...       | ...      | 20                    | 1                                    | ...     | 21     | 453               | 777                           | 1.86                                     | 0.17       | 1.52    | 18.81  | 1.01                     | 2.19                  | 1.77      | 38.20             | 65.53            | 42.03 |  |
| ...       | ...      | 6                     | ...                                  | ...     | 6      | 106               | 181                           | 0.23                                     | ...        | 0.69    | 8.73   | 0.23                     | 5.97                  | 1.38      | 24.35             | 41.57            | 30.73 |  |
| 1         | ...      | 16                    | ...                                  | ...     | 17     | 184               | 539                           | 2.38                                     | 0.43       | 2.28    | 11.49  | 1.73                     | 18.32                 | 1.84      | 19.95             | 58.43            | 39.31 |  |
| 39        | 7        | 982                   | 51                                   | 31      | 1,110  | 24,757            | 47,122                        | 1.14                                     | 0.39       | 0.93    | 4.70   | 2.46                     | 7.35                  | 0.89      | 19.75             | 37.59            | 37.10 |  |
| 97        | 75       | 1,052                 | 1,379                                | 153     | 2,756  | 99,077            | 191,590                       | 0.68                                     | 0.14       | 0.07    | 7.59   | 0.56                     | 0.32                  | 0.29      | 10.35             | 20.02            | 18.25 |  |
| 136       | 82       | 2,034                 | 1,430                                | 184     | 3,866  | 123,834           | 238,712                       | 0.74                                     | 0.17       | 0.17    | 7.26   | 0.78                     | 1.14                  | 0.36      | 11.44             | 22.06            | 20.41 |  |





Annual Statement VI-B, 1929. (Paragraphs 8, 16, 31, 33, 34, 36 and 39.)

5

Dysentery and Diarrhoea.

| Measles. |        | Acute Poliomyelitis. |        | Influenza. |        | Other fevers. |        | Total fevers. |        | Dysentery. |        | Diarrhoea. |        |
|----------|--------|----------------------|--------|------------|--------|---------------|--------|---------------|--------|------------|--------|------------|--------|
| Death.   | Ratio. | Death.               | Ratio. | Death.     | Ratio. | Death.        | Ratio. | Death.        | Ratio. | Death.     | Ratio. | Death.     | Ratio. |
| ...      | ...    | ...                  | ...    | ...        | ...    | 32            | 0.88   | 109           | 2.98   | 12         | 0.33   | 12         | 0.33   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 22            | 9.47   | 8          | 3.44   | ...        | ...    |
| ...      | ...    | ...                  | ...    | ...        | ...    | 19            | 4.89   | 22            | 5.66   | ...        | ...    | ...        | ...    |
| ...      | ...    | ...                  | ...    | ...        | ...    | 27            | 7.18   | 29            | 7.71   | 2          | 0.53   | ...        | ...    |
| 1        | 0.00   | ...                  | ...    | 15         | 0.04   | 171           | 0.49   | 438           | 1.27   | 457        | 1.32   | 458        | 1.33   |
| ...      | ...    | ...                  | ...    | 7          | 0.37   | 112           | 5.97   | 185           | 9.86   | 36         | 1.92   | 56         | 2.98   |
| ...      | ...    | ...                  | ...    | 2          | 0.27   | 46            | 6.14   | 63            | 8.40   | 4          | 0.53   | 8          | 1.07   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 37            | 10.21  | 38            | 10.48  | 7          | 1.93   | 6          | 1.66   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 3             | 0.45   | 25            | 3.79   | 18         | 2.73   | 3          | 0.45   |
| 2        | 0.29   | ...                  | ...    | ...        | ...    | 1             | 0.14   | 26            | 3.76   | 13         | 1.88   | 2          | 0.29   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 6             | 0.61   | 32            | 3.23   | 6          | 0.61   | 3          | 0.30   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 1             | 0.13   | 11            | 1.43   | 18         | 2.35   | 7          | 0.91   |
| 1        | 0.26   | ...                  | ...    | ...        | ...    | 25            | 6.53   | 30            | 7.83   | 5          | 1.31   | ...        | ...    |
| ...      | ...    | ...                  | ...    | ...        | ...    | 39            | 7.96   | 41            | 8.37   | 2          | 0.41   | ...        | ...    |
| ...      | ...    | ...                  | ...    | ...        | ...    | 74            | 4.87   | 79            | 5.20   | 14         | 0.92   | 2          | 0.13   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 54            | 6.36   | 14         | 1.65   | 7          | 0.82   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 76            | 5.31   | 78            | 5.45   | 33         | 2.31   | 19         | 1.33   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 34            | 8.27   | 34            | 8.27   | 4          | 0.97   | 3          | 0.73   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 128           | 19.74  | 129           | 19.90  | 15         | 2.31   | 7          | 1.08   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 25            | 4.64   | 25            | 4.64   | ...        | ...    | 2          | 0.37   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 51            | 9.77   | 51            | 9.77   | 2          | 0.38   | ...        | ...    |
| 1        | 0.04   | ...                  | ...    | ...        | ...    | 86            | 3.30   | 110           | 4.22   | 6          | 0.23   | 20         | 0.77   |
| ...      | ...    | ...                  | ...    | 1          | 0.11   | ...           | ...    | 14            | 1.54   | 11         | 1.21   | 2          | 0.22   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 47            | 3.32   | 23         | 1.62   | ...        | ...    |
| ...      | ...    | ...                  | ...    | 3          | 0.07   | 25            | 0.59   | 95            | 2.23   | 46         | 1.08   | 66         | 1.55   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 1             | 0.20   | 8             | 1.56   | 10         | 1.95   | 4          | 0.78   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 8             | 1.16   | 7          | 1.02   | 4          | 0.58   |
| 2        | 0.08   | ...                  | ...    | 3          | 0.13   | 30            | 1.27   | 86            | 3.64   | 38         | 1.61   | 21         | 0.89   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 25            | 3.21   | 40            | 5.13   | 22         | 2.82   | 4          | 0.51   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 45            | 6.37   | 27         | 3.82   | 5          | 0.71   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 18            | 2.87   | 22         | 3.50   | 16         | 2.55   |
| 2        | 0.24   | ...                  | ...    | ...        | ...    | 4             | 0.47   | 80            | 9.47   | 20         | 2.37   | 14         | 1.66   |
| 1        | 0.16   | ...                  | ...    | ...        | ...    | 8             | 1.31   | 54            | 8.83   | 15         | 2.45   | 20         | 3.27   |
| ...      | ...    | ...                  | ...    | 2          | 0.29   | 3             | 0.44   | 8             | 1.17   | 9          | 1.32   | 8          | 1.17   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 22            | 2.35   | 29            | 3.10   | 10         | 1.07   | 4          | 0.43   |
| 1        | 0.12   | ...                  | ...    | ...        | ...    | 18            | 2.25   | 23            | 2.87   | 21         | 2.62   | 8          | 1.00   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 19            | 2.34   | 64            | 7.89   | 28         | 3.45   | 19         | 2.34   |
| 1        | 0.11   | ...                  | ...    | 2          | 0.22   | ...           | ...    | 86            | 9.32   | 44         | 4.77   | 24         | 2.60   |
| ...      | ...    | ...                  | ...    | 10         | 0.66   | 23            | 1.52   | 54            | 3.58   | 19         | 1.26   | 40         | 2.65   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 4             | 0.56   | 21            | 2.93   | 10         | 1.40   | 13         | 1.81   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 19            | 0.31   | 85            | 1.39   | 51         | 0.83   | 55         | 0.90   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 58            | 8.81   | 119           | 18.07  | 11         | 1.67   | 9          | 1.37   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 349           | 12.70  | 350           | 12.74  | 25         | 0.91   | 3          | 0.11   |

## STATEMENT VI-B (a).—Supplement to

| 1<br>No.                         | 2<br>Divisions and Towns. | 3<br>Population (Census 1921). | 4<br>Fevers. |        |          |        |         |        |                  |        |                           |        |
|----------------------------------|---------------------------|--------------------------------|--------------|--------|----------|--------|---------|--------|------------------|--------|---------------------------|--------|
|                                  |                           |                                | Malaria.     |        | Enteric. |        | Typhus. |        | Relapsing Fever. |        | Cerebrospinal meningitis. |        |
|                                  |                           |                                | Death.       | Ratio. | Death.   | Ratio. | Death.  | Ratio. | Death.           | Ratio. | Death.                    | Ratio. |
| TENASSERIM DIVISION<br>—concl'd. |                           |                                |              |        |          |        |         |        |                  |        |                           |        |
| 44                               | Mergui ...                | 18,408                         | 6            | 0·33   | ...      | ...    | ...     | ...    | ...              | ...    | ...                       | ...    |
| 45                               | Toungoo ...               | 19,332                         | 92           | 4·76   | 19       | 0·98   | ...     | ...    | ...              | ...    | 3                         | 0·16   |
| 46                               | Shwegyin ...              | 5,758                          | 51           | 8·86   | 10       | 1·74   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 47                               | Pyu ...                   | 6,676                          | 31           | 4·64   | 1        | 0·15   | ...     | ...    | ...              | ...    | ...                       | ...    |
| MAGWE DIVISION.                  |                           |                                |              |        |          |        |         |        |                  |        |                           |        |
| 48                               | Thayetmyo ...             | 10,768                         | 42           | 3·90   | 2        | 0·19   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 49                               | Allanmyo ...              | 11,219                         | 6            | 0·53   | ...      | ...    | ...     | ...    | ...              | ...    | ...                       | ...    |
| 50                               | Minbu ...                 | 5,403                          | 28           | 5·18   | 1        | 0·19   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 51                               | Salin ...                 | 6,834                          | 6            | 0·88   | ...      | ...    | ...     | ...    | ...              | ...    | ...                       | ...    |
| 52                               | Magwe ...                 | 7,819                          | 3            | 0·38   | 1        | 0·13   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 53                               | Taungdwingyi ...          | 6,306                          | 48           | 7·61   | 2        | 0·32   | ...     | ...    | ...              | ...    | 1                         | 0·16   |
| 54                               | Yenangyaung ...           | 9,515                          | 5            | 0·53   | 12       | 1·26   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 55                               | Chauk ...                 | 5,617                          | 1            | 0·18   | ...      | ...    | ...     | ...    | ...              | ...    | ...                       | ...    |
| 56                               | Pakòkku ...               | 19,507                         | 61           | 3·13   | ...      | ...    | ...     | ...    | ...              | ...    | ...                       | ...    |
| MANDALAY DIVISION.               |                           |                                |              |        |          |        |         |        |                  |        |                           |        |
| 57                               | Mandalay ...              | 148,917                        | 685          | 4·60   | 171      | 1·15   | ...     | ...    | ...              | ...    | 3                         | 0·02   |
| 58                               | Maymyo ...                | 16,558                         | 57           | 3·44   | 8        | 0·48   | ...     | ...    | ...              | ...    | 2                         | 0·12   |
| 59                               | Myitngè ...               | 3,439                          | 5            | 1·45   | 1        | 0·29   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 60                               | Kyauksè ...               | 6,107                          | 55           | 9·01   | 8        | 1·31   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 61                               | Meiktila ...              | 8,868                          | 12           | 1·35   | 2        | 0·23   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 62                               | Myingyan ...              | 18,931                         | 13           | 0·69   | 1        | 0·05   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 63                               | Nyaung-u ...              | 7,094                          | 12           | 1·69   | 4        | 0·56   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 64                               | Yamèthin ...              | 8,869                          | 34           | 3·83   | 1        | 0·11   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 65                               | Pyinmana ...              | 14,886                         | 83           | 5·58   | 10       | 0·67   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 66                               | Pyawbwè ...               | 4,704                          | 33           | 7·02   | ...      | ...    | ...     | ...    | ...              | ...    | ...                       | ...    |
| SAGAING DIVISION.                |                           |                                |              |        |          |        |         |        |                  |        |                           |        |
| 67                               | Shwebo ...                | 10,605                         | 20           | 1·89   | 2        | 0·19   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 68                               | Ye-u ...                  | 2,742                          | 1            | 0·36   | 1        | 0·36   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 69                               | Sagaing ...               | 11,858                         | 34           | 2·87   | 1        | 0·08   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 70                               | Myinmu ...                | 4,354                          | 37           | 8·50   | 1        | 0·23   | ...     | ...    | ...              | ...    | ...                       | ...    |
| 71                               | Mônywa ...                | 9,225                          | 18           | 1·95   | 3        | 0·33   | ...     | ...    | ...              | ...    | ...                       | ...    |
| Total of Towns, Burma            |                           |                                | 1,253,630    | 2,535  | 2·02     | 503    | 0·40    | ...    | ...              | ...    | 19                        | 0·02   |

## Annual Statement VI-B, 1929—contd.

5

## Dysentery and Diarrhoea.

| Measles. |        | Acute Poliomyelitis. |        | Influenza. |        | Other fevers. |        | Total fevers. |        | Dysentery. |        | Diarrhoea. |        |
|----------|--------|----------------------|--------|------------|--------|---------------|--------|---------------|--------|------------|--------|------------|--------|
| Death.   | Ratio. | Death.               | Ratio. | Death.     | Ratio. | Death.        | Ratio. | Death.        | Ratio. | Death.     | Ratio. | Death.     | Ratio. |
| ...      | ...    | ...                  | ...    | ...        | ...    | 229           | 12.44  | 235           | 12.77  | 9          | 0.49   | ...        | ...    |
| ...      | ...    | ...                  | ...    | 1          | 0.05   | 9             | 0.47   | 124           | 6.41   | 52         | 2.69   | 23         | 1.19   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 61            | 10.59  | 25         | 4.34   | 5          | 0.87   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 32            | 4.79   | 10         | 1.50   | 9          | 1.35   |
| 1        | 0.09   | ...                  | ...    | 1          | 0.09   | 8             | 0.74   | 54            | 5.01   | 10         | 0.93   | 1          | 0.09   |
| 7        | 0.62   | ...                  | ...    | ...        | ...    | 84            | 7.49   | 97            | 8.65   | 2          | 0.18   | 1          | 0.09   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 1             | 0.19   | 30            | 5.55   | 4          | 0.74   | ...        | ...    |
| ...      | ...    | ...                  | ...    | ...        | ...    | 167           | 24.44  | 173           | 25.31  | 9          | 1.32   | 6          | 0.88   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 17            | 2.17   | 21            | 2.69   | 4          | 0.51   | 4          | 0.51   |
| ...      | ...    | ...                  | ...    | 1          | 0.16   | 1             | 0.16   | 53            | 8.40   | 7          | 1.11   | 3          | 0.48   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 55            | 5.78   | 72            | 7.57   | 17         | 1.79   | 15         | 1.58   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 53            | 9.44   | 54            | 9.61   | 3          | 0.53   | 1          | 0.18   |
| 1        | 0.05   | ...                  | ...    | ...        | ...    | ...           | ...    | 62            | 3.18   | 20         | 1.03   | 12         | 0.62   |
| 8        | 0.05   | ...                  | ...    | 44         | 0.30   | 31            | 0.21   | 942           | 6.33   | 172        | 1.16   | 307        | 2.06   |
| ...      | ...    | ...                  | ...    | 1          | 0.05   | 7             | 0.42   | 75            | 4.53   | 14         | 0.85   | 30         | 1.81   |
| ...      | ...    | ...                  | ...    | 5          | 1.45   | ...           | ...    | 11            | 3.20   | 1          | 0.29   | 12         | 3.49   |
| 1        | 0.16   | ...                  | ...    | ...        | ...    | ...           | ...    | 64            | 10.48  | 6          | 0.98   | 3          | 0.49   |
| 1        | 0.11   | ...                  | ...    | 20         | 2.26   | 5             | 0.56   | 40            | 4.51   | 17         | 1.92   | 11         | 1.24   |
| 3        | 0.16   | ...                  | ...    | ...        | ...    | 25            | 1.32   | 42            | 2.22   | 7          | 0.37   | 7          | 0.37   |
| 1        | 0.14   | ...                  | ...    | ...        | ...    | 3             | 0.42   | 20            | 2.82   | 2          | 0.28   | 10         | 1.41   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 41            | 4.62   | 76            | 8.57   | 8          | 0.90   | 6          | 0.68   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 1             | 0.07   | 94            | 6.31   | 22         | 1.48   | 16         | 1.07   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 33            | 7.02   | 22         | 4.68   | 1          | 0.21   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 58            | 5.47   | 80            | 7.54   | 6          | 0.57   | 18         | 1.70   |
| ...      | ...    | ...                  | ...    | ...        | ...    | 12            | 4.38   | 14            | 5.11   | ...        | ...    | ...        | ...    |
| ...      | ...    | ...                  | ...    | ...        | ...    | 188           | 15.85  | 223           | 18.81  | 8          | 0.67   | 4          | 0.34   |
| ...      | ...    | ...                  | ...    | ...        | ...    | ...           | ...    | 38            | 8.73   | 1          | 0.23   | ...        | ...    |
| ...      | ...    | ...                  | ...    | ...        | ...    | 85            | 9.21   | 106           | 11.49  | 6          | 0.65   | 10         | 1.08   |
| 35       | 0.03   | ...                  | ...    | 118        | 0.09   | 2,681         | 2.14   | 5,891         | 4.70   | 1,609      | 1.28   | 1,469      | 1.17   |

## STATEMENT VI-B (a).—Supplement to Annual

| 1<br>No.             | 2<br>Divisions and Towns. | 3<br>Population (Census 1921). | 6<br>Respiratory diseases. |        |            |        |                                     |        | 7<br>Diphtheria. |        |
|----------------------|---------------------------|--------------------------------|----------------------------|--------|------------|--------|-------------------------------------|--------|------------------|--------|
|                      |                           |                                | Pulmonary Tuberculosis.    |        | Pneumonia. |        | Diseases of the Respiratory System. |        | Death.           | Ratio. |
|                      |                           |                                | Death.                     | Ratio. | Death.     | Ratio. | Death.                              | Ratio. |                  |        |
| ARAKAN DIVISION.     |                           |                                |                            |        |            |        |                                     |        |                  |        |
| 1                    | Akyab ...                 | 36,569                         | 25                         | 0·68   | 97         | 2·65   | 10                                  | 0·27   | ...              | ...    |
| 2                    | Minbya ...                | 2,323                          | ...                        | ...    | ...        | ...    | 15                                  | 6·46   | ...              | ...    |
| 3                    | Kyaukpyu ...              | 3,884                          | 1                          | 0·26   | 3          | 0·77   | 4                                   | 1·03   | ...              | ...    |
| 4                    | Sandoway ...              | 3,762                          | ...                        | ...    | ...        | ...    | 2                                   | 0·53   | ...              | ...    |
| PEGU DIVISION.       |                           |                                |                            |        |            |        |                                     |        |                  |        |
| 5                    | Rangoon ...               | 345,505                        | 804                        | 2·33   | 1,445      | 4·18   | 884                                 | 2·56   | 4                | 0·01   |
| 6                    | Pegu ...                  | 18,769                         | 46                         | 2·45   | 44         | 2·34   | 28                                  | 1·49   | 3                | 0·16   |
| 7                    | Nyaunglebin ...           | 7,496                          | 5                          | 0·67   | 9          | 1·20   | 25                                  | 3·34   | ...              | ...    |
| 8                    | Tharrawaddy ...           | 3,625                          | 9                          | 2·48   | 11         | 3·03   | 3                                   | 0·83   | ...              | ...    |
| 9                    | Thônzè ...                | 6,594                          | 4                          | 0·61   | 14         | 2·12   | 24                                  | 3·64   | ...              | ...    |
| 10                   | Zigôn ...                 | 6,916                          | ...                        | ...    | 2          | 0·29   | 2                                   | 0·29   | ...              | ...    |
| 11                   | Letpadan ...              | 9,901                          | 36                         | 3·64   | 20         | 2·02   | ...                                 | ...    | ...              | ...    |
| 12                   | Gyobingauk ...            | 7,666                          | 8                          | 1·04   | 37         | 4·83   | 35                                  | 4·57   | ...              | ...    |
| 13                   | Minhla ...                | 3,829                          | 2                          | 0·52   | 4          | 1·04   | 1                                   | 0·26   | ...              | ...    |
| 14                   | Nattalin ...              | 4,898                          | ...                        | ...    | ...        | ...    | 4                                   | 0·82   | ...              | ...    |
| 15                   | Syriam ...                | 15,193                         | 7                          | 0·46   | 8          | 0·53   | 13                                  | 0·86   | 1                | 0·07   |
| 16                   | Thôngwa ...               | 8,495                          | 7                          | 0·82   | 5          | 0·59   | 22                                  | 2·59   | ...              | ...    |
| 17                   | Insein ...                | 14,308                         | 19                         | 1·33   | 22         | 1·54   | 34                                  | 2·38   | ...              | ...    |
| 18                   | Thamaing ...              | 4,109                          | 9                          | 2·19   | 8          | 1·95   | 3                                   | 0·73   | ...              | ...    |
| 19                   | Kamayut ...               | 6,483                          | 5                          | 0·77   | 1          | 0·15   | ...                                 | ...    | ...              | ...    |
| 20                   | Thingangyun ...           | 5,389                          | ...                        | ...    | 3          | 0·56   | 1                                   | 0·19   | ...              | ...    |
| 21                   | Kanbe ...                 | 5,220                          | 1                          | 0·19   | 4          | 0·77   | 2                                   | 0·38   | ...              | ...    |
| 22                   | Prome ...                 | 26,067                         | 89                         | 3·41   | 56         | 2·15   | 28                                  | 1·07   | 1                | 0·04   |
| 23                   | Shwedaung ...             | 9,108                          | 6                          | 0·66   | 21         | 2·31   | ...                                 | ...    | ...              | ...    |
| 24                   | Paungdè ...               | 14,154                         | 16                         | 1·13   | 19         | 1·34   | 104                                 | 7·35   | ...              | ...    |
| IRRAWADDY DIVISION.  |                           |                                |                            |        |            |        |                                     |        |                  |        |
| 25                   | Bassein ...               | 42,563                         | 94                         | 2·21   | 74         | 1·74   | 125                                 | 2·94   | 1                | 0·02   |
| 26                   | Ngathainggyaung ...       | 5,122                          | 5                          | 0·98   | 17         | 3·32   | 3                                   | 0·59   | ...              | ...    |
| 27                   | Kyônpyaw ...              | 6,884                          | ...                        | ...    | ...        | ...    | 42                                  | 6·10   | ...              | ...    |
| 28                   | Henzada ...               | 23,651                         | 46                         | 1·94   | 142        | 6·00   | 50                                  | 2·11   | ...              | ...    |
| 29                   | Myanaung ...              | 7,793                          | 3                          | 0·38   | 6          | 0·77   | 13                                  | 1·67   | ...              | ...    |
| 30                   | Kyangin ...               | 7,064                          | 1                          | 0·14   | ...        | ...    | 4                                   | 0·57   | ...              | ...    |
| 31                   | Myaungmya ...             | 6,280                          | 24                         | 3·82   | 40         | 6·37   | 24                                  | 3·82   | ...              | ...    |
| 32                   | Wakèma ...                | 8,447                          | 5                          | 0·59   | 36         | 4·26   | 9                                   | 1·07   | ...              | ...    |
| 33                   | Moulmeingyun ...          | 6,115                          | 8                          | 1·31   | 40         | 6·54   | 7                                   | 1·14   | ...              | ...    |
| 34                   | Maubin ...                | 6,812                          | 10                         | 1·47   | 30         | 4·40   | 3                                   | 0·44   | ...              | ...    |
| 35                   | Yandoon ...               | 9,344                          | 25                         | 2·68   | 9          | 0·96   | 10                                  | 1·07   | ...              | ...    |
| 36                   | Danubyu ...               | 8,012                          | 12                         | 1·50   | 1          | 0·12   | 15                                  | 1·87   | ...              | ...    |
| 37                   | Pyapôn ...                | 8,109                          | 19                         | 2·34   | 37         | 4·56   | 5                                   | 0·62   | ...              | ...    |
| 38                   | Kyaiklat ...              | 9,224                          | 18                         | 1·95   | 23         | 2·49   | 4                                   | 0·43   | 1                | 0·11   |
| TENASSERIM DIVISION. |                           |                                |                            |        |            |        |                                     |        |                  |        |
| 39                   | Thatôn ...                | 15,091                         | 42                         | 2·78   | 47         | 3·11   | 85                                  | 5·63   | ...              | ...    |
| 40                   | Kyaikto ...               | 7,168                          | 17                         | 2·37   | 14         | 1·95   | ...                                 | ...    | ...              | ...    |
| 41                   | Moulmein ...              | 61,301                         | 100                        | 1·63   | 59         | 0·96   | 200                                 | 3·26   | 2                | 0·03   |
| 42                   | Kawkareik ...             | 6,587                          | ...                        | ...    | 17         | 2·58   | ...                                 | ...    | ...              | ...    |
| 43                   | Tavoy ...                 | 27,480                         | ...                        | ...    | ...        | ...    | 60                                  | 2·18   | ...              | ...    |

## Statement VI-B, 1929--contd.

| 8                           |        | 9                                    |        | 10       |        | 11      |        | 12                      | 13                     |         |        | 14                     | 15  |
|-----------------------------|--------|--------------------------------------|--------|----------|--------|---------|--------|-------------------------|------------------------|---------|--------|------------------------|-----|
| Other Tuberculous Diseases. |        | Beri-beri including epidemic Dropsy. |        | Leprosy. |        | Cancer. |        | Deaths from Childbirth. | Deaths under one year. |         |        | Infant Mortality Rate. | No. |
| Death.                      | Ratio. | Death.                               | Ratio. | Death.   | Ratio. | Death.  | Ratio. |                         | Male.                  | Female. | Total. |                        |     |
| ..                          | ...    | 38                                   | 1.04   | 1        | 0.03   | 3       | 0.08   | 13                      | 102                    | 99      | 201    | 308.76                 | 1   |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 2                       | 11                     | 8       | 19     | 327.59                 | 2   |
| 1                           | 0.26   | 2                                    | 0.51   | ...      | ...    | ...     | ...    | 3                       | 15                     | 15      | 30     | 267.86                 | 3   |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 2                       | 9                      | 8       | 17     | 138.21                 | 4   |
| 48                          | 0.14   | 128                                  | 0.37   | 63       | 0.18   | 46      | 0.13   | 22                      | 1,426                  | 1,197   | 2,623  | 320.54                 | 5   |
| 2                           | 0.11   | 2                                    | 0.11   | 7        | 0.37   | ...     | ...    | 19                      | 93                     | 72      | 165    | 246.27                 | 6   |
| 1                           | 0.13   | ...                                  | ...    | 2        | 0.27   | 1       | 0.13   | 6                       | 49                     | 34      | 83     | 319.23                 | 7   |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 1                       | 21                     | 9       | 30     | 215.83                 | 8   |
| 4                           | 0.61   | ...                                  | ...    | 2        | 0.30   | ...     | ...    | 4                       | 32                     | 30      | 62     | 215.28                 | 9   |
| 5                           | 0.72   | 7                                    | 1.01   | 1        | 0.14   | ...     | ...    | 6                       | 32                     | 23      | 55     | 335.37                 | 10  |
| ...                         | ...    | 1                                    | 0.10   | 1        | 0.10   | 2       | 0.20   | 4                       | 50                     | 33      | 83     | 318.01                 | 11  |
| ...                         | ...    | 6                                    | 0.78   | 1        | 0.13   | ...     | ...    | ...                     | 48                     | 42      | 90     | 367.35                 | 12  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 2                       | 1                      | 7       | 8      | 58.39                  | 13  |
| ...                         | ...    | 3                                    | 0.61   | ...      | ...    | ...     | ...    | 1                       | 6                      | 6       | 12     | 100.84                 | 14  |
| 2                           | 0.13   | 4                                    | 0.26   | ...      | ...    | 1       | 0.07   | 7                       | 39                     | 27      | 66     | 197.01                 | 15  |
| ...                         | ...    | ...                                  | ...    | 2        | 0.24   | ...     | ...    | 6                       | 28                     | 18      | 46     | 172.93                 | 16  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | 1       | 0.07   | ...                     | 61                     | 42      | 103    | 320.87                 | 17  |
| 1                           | 0.24   | ...                                  | ...    | ...      | ...    | ...     | ...    | 2                       | 20                     | 6       | 26     | 268.04                 | 18  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 3                       | 18                     | 20      | 38     | 351.85                 | 19  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | 1       | 0.19   | 2                       | 21                     | 21      | 42     | 388.89                 | 20  |
| ...                         | ...    | 10                                   | 1.92   | ...      | ...    | ...     | ...    | 4                       | 29                     | 21      | 50     | 340.14                 | 21  |
| 4                           | 0.15   | 15                                   | 0.58   | 4        | 0.15   | 1       | 0.04   | 15                      | 140                    | 127     | 267    | 302.72                 | 22  |
| 1                           | 0.11   | ...                                  | ...    | 2        | 0.22   | ...     | ...    | 2                       | 25                     | 17      | 42     | 176.47                 | 23  |
| ...                         | ...    | 17                                   | 1.20   | ...      | ...    | ...     | ...    | ...                     | 61                     | 56      | 117    | 455.25                 | 24  |
| 19                          | 0.45   | 29                                   | 0.68   | 9        | 0.21   | 6       | 0.14   | 20                      | 248                    | 182     | 430    | 309.13                 | 25  |
| 5                           | 0.98   | 1                                    | 0.20   | ...      | ...    | 2       | 0.39   | 1                       | 15                     | 16      | 31     | 229.63                 | 26  |
| ...                         | ...    | ...                                  | ...    | 1        | 0.15   | ...     | ...    | 4                       | 27                     | 17      | 44     | 244.44                 | 27  |
| ...                         | ...    | ...                                  | ...    | 6        | 0.25   | ...     | ...    | 11                      | 136                    | 145     | 281    | 339.78                 | 28  |
| 10                          | 1.28   | ...                                  | ...    | 1        | 0.13   | ...     | ...    | 7                       | 33                     | 40      | 73     | 293.17                 | 29  |
| ...                         | ...    | 11                                   | 1.56   | 3        | 0.42   | ...     | ...    | 4                       | 26                     | 42      | 68     | 276.42                 | 30  |
| ...                         | ...    | ...                                  | ...    | 1        | 0.16   | 3       | 0.48   | 4                       | 43                     | 23      | 66     | 326.73                 | 31  |
| 11                          | 1.30   | ...                                  | ...    | ...      | ...    | ...     | ...    | 8                       | 54                     | 45      | 99     | 325.66                 | 32  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 6                       | 43                     | 35      | 78     | 435.75                 | 33  |
| ...                         | ...    | 3                                    | 0.44   | 1        | 0.15   | 2       | 0.29   | 2                       | 37                     | 48      | 85     | 440.41                 | 34  |
| 6                           | 0.64   | 27                                   | 2.89   | 2        | 0.21   | 1       | 0.11   | 4                       | 38                     | 38      | 76     | 314.05                 | 35  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | 2       | 0.25   | 3                       | 20                     | 23      | 43     | 211.82                 | 36  |
| ...                         | ...    | 14                                   | 1.73   | 1        | 0.12   | ...     | ...    | 8                       | 39                     | 21      | 60     | 307.69                 | 37  |
| ...                         | ...    | 17                                   | 1.84   | 2        | 0.22   | 1       | 0.11   | 3                       | 44                     | 31      | 75     | 364.08                 | 38  |
| ...                         | ...    | ...                                  | ...    | 2        | 0.13   | ...     | ...    | 7                       | 65                     | 52      | 117    | 205.99                 | 39  |
| 9                           | 1.26   | ...                                  | ...    | ...      | ...    | 1       | 0.14   | 4                       | 24                     | 14      | 38     | 240.51                 | 40  |
| 26                          | 0.42   | ...                                  | ...    | 15       | 0.24   | 13      | 0.21   | 12                      | 169                    | 131     | 300    | 172.22                 | 41  |
| ...                         | ...    | 4                                    | 0.61   | ...      | ...    | ...     | ...    | 2                       | 84                     | 67      | 151    | 456.19                 | 42  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 12                      | 89                     | 60      | 149    | 156.68                 | 43  |

| 1<br>No.                         | 2<br>Divisions and Towns. | 3<br>Population (Census 1921) | 6<br>Respiratory diseases. |        |            |        |                                     |        | 7<br>Diphtheria. |        |
|----------------------------------|---------------------------|-------------------------------|----------------------------|--------|------------|--------|-------------------------------------|--------|------------------|--------|
|                                  |                           |                               | Pulmonary Tuberculosis.    |        | Pneumonia. |        | Diseases of the Respiratory System. |        | Death.           | Ratio. |
|                                  |                           |                               | Death.                     | Ratio. | Death.     | Ratio. | Death.                              | Ratio. |                  |        |
| TENASSERIM DIVISION<br>—concl'd. |                           |                               |                            |        |            |        |                                     |        |                  |        |
| 44                               | Mergui ...                | 18,408                        | 6                          | 0·33   | 4          | 0·22   | 26                                  | 1·41   | ...              | ...    |
| 45                               | Toungoo ...               | 19,332                        | 62                         | 3·21   | 41         | 2·12   | 31                                  | 1·60   | ...              | ...    |
| 46                               | Shwegyin ...              | 5,758                         | 3                          | 0·52   | 24         | 4·17   | 1                                   | 0·17   | ...              | ...    |
| 47                               | Pyu ...                   | 6,676                         | 5                          | 0·75   | 7          | 1·05   | 9                                   | 1·35   | ...              | ...    |
| MAGWE DIVISION.                  |                           |                               |                            |        |            |        |                                     |        |                  |        |
| 48                               | Thayetmyo ...             | 10,768                        | 4                          | 0·37   | 25         | 2·32   | 12                                  | 1·11   | ...              | ...    |
| 49                               | Allanmyo ...              | 11,219                        | ...                        | ...    | 8          | 0·71   | 3                                   | 0·27   | ...              | ...    |
| 50                               | Minbu ...                 | 5,403                         | 13                         | 2·41   | 9          | 1·67   | 4                                   | 0·74   | ...              | ...    |
| 51                               | Salin ...                 | 6,834                         | 4                          | 0·59   | 3          | 0·44   | 12                                  | 1·76   | ...              | ...    |
| 52                               | Magwe ...                 | 7,819                         | 3                          | 0·33   | 4          | 0·51   | 7                                   | 0·90   | ...              | ...    |
| 53                               | Taungdwingyi ...          | 6,300                         | 16                         | 2·54   | 40         | 6·34   | 79                                  | 12·53  | ...              | ...    |
| 54                               | Yenangyaung ...           | 9,515                         | 60                         | 6·31   | 35         | 3·68   | 16                                  | 1·58   | 1                | 0·11   |
| 55                               | Chauk ...                 | 5,617                         | ...                        | ...    | 3          | 0·53   | 2                                   | 0·36   | ...              | ...    |
| 56                               | Pakôkku ...               | 19,507                        | 6                          | 0·31   | 193        | 9·89   | 12                                  | 0·62   | ...              | ...    |
| MANDALAY DIVISION.               |                           |                               |                            |        |            |        |                                     |        |                  |        |
| 57                               | Mandalay ...              | 148,917                       | 331                        | 2·22   | 475        | 3·19   | 667                                 | 4·48   | 2                | 0·01   |
| 58                               | Maymyo ...                | 16,558                        | 31                         | 1·87   | 34         | 2·05   | 54                                  | 3·26   | ...              | ...    |
| 59                               | Myitngè ...               | 3,439                         | 2                          | 0·58   | 9          | 2·62   | 7                                   | 2·04   | ...              | ...    |
| 60                               | Kyauksè ...               | 6,107                         | 6                          | 0·98   | 34         | 5·57   | 14                                  | 2·29   | ...              | ...    |
| 61                               | Meiktila ...              | 8,868                         | 26                         | 2·93   | 14         | 1·58   | 43                                  | 4·85   | ...              | ...    |
| 62                               | Myingyan ...              | 18,931                        | 27                         | 1·43   | 46         | 2·43   | 246                                 | 12·99  | ...              | ...    |
| 63                               | Nyaung-u ...              | 7,094                         | 5                          | 0·70   | 7          | 0·99   | 13                                  | 1·83   | ...              | ...    |
| 64                               | Yamèthin ...              | 8,869                         | 2                          | 0·23   | 28         | 3·16   | 3                                   | 0·34   | ...              | ...    |
| 65                               | Pyinmana ...              | 14,886                        | 26                         | 1·75   | 36         | 2·42   | 14                                  | 0·94   | ...              | ...    |
| 66                               | Pyawbwè ...               | 4,704                         | ...                        | ...    | 31         | 6·59   | 4                                   | 0·85   | ...              | ...    |
| SAGAING DIVISION.                |                           |                               |                            |        |            |        |                                     |        |                  |        |
| 67                               | Shwebo ...                | 10,605                        | 17                         | 1·60   | 19         | 1·79   | 36                                  | 3·39   | ...              | ...    |
| 68                               | Ye-u ...                  | 2,742                         | ...                        | ...    | 1          | 0·36   | 31                                  | 11·31  | ...              | ...    |
| 69                               | Sagaing ...               | 11,858                        | ...                        | ...    | 2          | 0·17   | 24                                  | 2·02   | ...              | ...    |
| 70                               | Myinmu ...                | 4,354                         | 2                          | 0·46   | 9          | 2·07   | 15                                  | 3·45   | ...              | ...    |
| 71                               | Mônywa ...                | 9,225                         | 12                         | 1·30   | 28         | 3·04   | 129                                 | 13·98  | ...              | ...    |
| Total of Towns, Burma            |                           | 1,253,630                     | 2,197                      | 1·75   | 3,594      | 2·87   | 3,417                               | 2·73   | 16               | 0·01   |

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| 8                           |        | 9                                    |        | 10       |        | 11      |        | 12                      | 13                     |         |        | 14                     | 1   |
|-----------------------------|--------|--------------------------------------|--------|----------|--------|---------|--------|-------------------------|------------------------|---------|--------|------------------------|-----|
| Other Tuberculous Diseases. |        | Beri-beri including Epidemic Dropsy. |        | Leprosy. |        | Cancer. |        | Deaths from Childbirth. | Deaths under one year. |         |        | Infant Mortality Rate. | No. |
| Death.                      | Ratio. | Death.                               | Ratio. | Death.   | Ratio. | Death.  | Ratio. |                         | Male.                  | Female. | Total. |                        |     |
| 3                           | 0.16   | 12                                   | 0.65   | 1        | 0.05   | ...     | ...    | 9                       | 66                     | 70      | 136    | 241.56                 | 44  |
| 16                          | 0.83   | 3                                    | 0.16   | 4        | 0.21   | 3       | 0.16   | 11                      | 60                     | 40      | 100    | 198.02                 | 45  |
| 3                           | 0.52   | ...                                  | ...    | ...      | ...    | ...     | ...    | 4                       | 18                     | 19      | 37     | 217.65                 | 46  |
| 1                           | 0.15   | ...                                  | ...    | ...      | ...    | ...     | ...    | 2                       | 17                     | 12      | 29     | 131.82                 | 47  |
| 1                           | 0.09   | ...                                  | ...    | ...      | ...    | 1       | 0.09   | 4                       | 39                     | 42      | 81     | 248.47                 | 48  |
| 1                           | 0.09   | ...                                  | ...    | ...      | ...    | ...     | ...    | 6                       | 44                     | 42      | 86     | 259.82                 | 49  |
| 2                           | 0.37   | ...                                  | ...    | 5        | 0.93   | 1       | 0.19   | ...                     | 41                     | 24      | 65     | 317.07                 | 50  |
| ...                         | ...    | ...                                  | ...    | 5        | 0.73   | ...     | ...    | 5                       | 53                     | 46      | 99     | 507.69                 | 51  |
| 4                           | 0.51   | ...                                  | ...    | 4        | 0.51   | ...     | ...    | 3                       | 47                     | 37      | 84     | 325.58                 | 52  |
| 16                          | 2.54   | ...                                  | ...    | 3        | 0.48   | 1       | 0.16   | 2                       | 94                     | 77      | 171    | 628.68                 | 53  |
| 5                           | 0.53   | ...                                  | ...    | 2        | 0.21   | ...     | ...    | 4                       | 50                     | 59      | 109    | 294.59                 | 54  |
| ...                         | ...    | 3                                    | 0.53   | ...      | ...    | ...     | ...    | ...                     | 6                      | 10      | 16     | 31.88                  | 55  |
| 30                          | 1.54   | 6                                    | 0.31   | 20       | 1.03   | 1       | 0.05   | 12                      | 126                    | 144     | 270    | 363.88                 | 56  |
| 18                          | 0.12   | 11                                   | 0.07   | 67       | 0.45   | 11      | 0.07   | 59                      | 1,349                  | 1,167   | 2,516  | 328.67                 | 57  |
| 5                           | 0.30   | 1                                    | 0.06   | ...      | ...    | 3       | 0.18   | 5                       | 68                     | 79      | 147    | 199.73                 | 58  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | ...                     | 39                     | 23      | 62     | 413.33                 | 59  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 2                       | 52                     | 46      | 98     | 475.73                 | 60  |
| 1                           | 0.11   | 1                                    | 0.11   | 2        | 0.23   | 5       | 0.56   | 3                       | 63                     | 49      | 112    | 309.39                 | 61  |
| ...                         | ...    | ...                                  | ...    | 3        | 0.16   | 2       | 0.11   | 13                      | 175                    | 183     | 358    | 507.80                 | 62  |
| 8                           | 1.13   | ...                                  | ...    | 1        | 0.14   | ...     | ...    | 4                       | 15                     | 14      | 29     | 193.33                 | 63  |
| 1                           | 0.11   | ...                                  | ...    | 1        | 0.11   | 3       | 0.34   | 3                       | 45                     | 38      | 83     | 268.61                 | 64  |
| 3                           | 0.20   | 4                                    | 0.27   | 1        | 0.07   | 4       | 0.27   | 19                      | 111                    | 84      | 195    | 325.00                 | 65  |
| ...                         | ...    | ...                                  | ...    | 4        | 0.85   | ...     | ...    | ...                     | 36                     | 30      | 66     | 507.69                 | 66  |
| ...                         | ...    | 5                                    | 0.47   | 1        | 0.09   | 1       | 0.09   | ...                     | 91                     | 84      | 175    | 267.09                 | 67  |
| ...                         | ...    | ...                                  | ...    | ...      | ...    | ...     | ...    | 1                       | 22                     | 14      | 36     | 300.00                 | 68  |
| 1                           | 0.08   | ...                                  | ...    | 1        | 0.08   | ...     | ...    | 9                       | 105                    | 75      | 180    | 407.24                 | 69  |
| 2                           | 0.46   | 2                                    | 0.46   | 3        | 0.69   | ...     | ...    | 1                       | 45                     | 22      | 67     | 426.30                 | 70  |
| 1                           | 0.11   | ...                                  | ...    | 2        | 0.22   | ...     | ...    | 5                       | 108                    | 90      | 198    | 540.98                 | 71  |
| 277                         | 0.22   | 387                                  | 0.31   | 260      | 0.21   | 123     | 0.10   | 434                     | 6,556                  | 5,588   | 12,144 | 306.54                 |     |

## ANNUAL STATEMENT NO. VII.—Deaths registered from Cholera in the

| 1<br>No.             | 2<br>Divisions and Districts | 3<br>Circles of Registration. |  | 4<br>Village-tracts.     |  | January. | February. | March. | April. | May. | June. |
|----------------------|------------------------------|-------------------------------|--|--------------------------|--|----------|-----------|--------|--------|------|-------|
|                      |                              | Number in each district.      | Number from which deaths from cholera were reported. | Number in each district. | Number from which deaths from cholera were reported. |          |           |        |        |      |       |
| ARAKAN DIVISION.     |                              |                               |  |                          |  |          |           |        |        |      |       |
| 1                    | Akyab ...                    | 11                            | 10   | 871                      | 337  | 26       | 36        | 119    | 94     | 40   | 72    |
| 2                    | Kyaukpyu ...                 | 6                             | 3  | 355                      | 20   | ...      | ...       | 6      | ...    | ...  | 48    |
| 3                    | Sandoway ...                 | 6                             | 2  | 178                      | 2  | ...      | ...       | ...    | 3      | 12   | 2     |
| PEGU DIVISION.       |                              |                               |  |                          |  |          |           |        |        |      |       |
| 4                    | Rangoon ...                  | 1                             | 1  | 1                        | 1  | 10       | 9         | 12     | 11     | 6    | 7     |
| 5                    | Pegu ...                     | 16                            | 13   | 456                      | 48   | 47       | 3         | 4      | 152    | 76   | ...   |
| 6                    | Tharrawaddy ...              | 16                            | 9  | 556                      | 17   | 26       | ...       | ...    | 7      | 3    | ...   |
| 7                    | Hanthawaddy ...              | 9                             | 7  | 470                      | 69   | 10       | 7         | 9      | 33     | 9    | 1     |
| 8                    | Insein ...                   | 9                             | 4  | 376                      | 66   | 1        | 3         | 18     | 6      | 31   | 7     |
| 9                    | Prome ...                    | 14                            | 5  | 446                      | 11   | 7        | 2         | ...    | 5      | ...  | 4     |
| IRRAWADDY DIVISION.  |                              |                               |  |                          |  |          |           |        |        |      |       |
| 10                   | Bassein ...                  | 15                            | 15   | 691                      | 176  | 28       | 21        | 68     | 441    | 145  | 46    |
| 11                   | Henzada ...                  | 9                             | 8  | 596                      | 95   | 21       | 47        | 79     | 69     | 74   | 2     |
| 12                   | Myaungmya ...                | 9                             | 9  | 591                      | 115  | 8        | 18        | 78     | 108    | 97   | 9     |
| 13                   | Maubin ...                   | 7                             | 7  | 314                      | 115  | 15       | 79        | 190    | 52     | 13   | 1     |
| 14                   | Pyapôn ...                   | 6                             | 6  | 346                      | 143  | 54       | 82        | 53     | 238    | 93   | ...   |
| TENASSERIM DIVISION. |                              |                               |  |                          |  |          |           |        |        |      |       |
| 15                   | Thatôn ...                   | 13                            | 11   | 387                      | 38   | 6        | ...       | ...    | 17     | 55   | 33    |
| 16                   | Amherst ...                  | 10                            | 8  | 350                      | 44   | 9        | 1         | 21     | 38     | 83   | 46    |
| 17                   | Tavoy ...                    | 6                             | ...  | 180                      | ...  | ...      | ...       | ...    | ...    | ...  | ...   |
| 18                   | Mergui ...                   | 6                             | ...  | 148                      | ...  | ...      | ...       | ...    | ...    | ...  | ...   |
| 19                   | Toungoo ...                  | 15                            | 7  | 563                      | 29   | 28       | 4         | ...    | 3      | 1    | ...   |
| MAGWE DIVISION.      |                              |                               |  |                          |  |          |           |        |        |      |       |
| 20                   | Thayetmyo ...                | 8                             | 2  | 643                      | 2  | ...      | ...       | ...    | ...    | 12   | ...   |
| 21                   | Minbu ...                    | 10                            | 7  | 360                      | 54   | 5        | 10        | 10     | 3      | ...  | ...   |
| 22                   | Magwe ...                    | 10                            | 8  | 468                      | 36   | 23       | 3         | 2      | ...    | ...  | 5     |
| 23                   | Pakôkku ...                  | 9                             | 6  | 743                      | 91   | 69       | 16        | 15     | 20     | 7    | 4     |
| MANDALAY DIVISION.   |                              |                               |  |                          |  |          |           |        |        |      |       |
| 24                   | Mandalay ...                 | 10                            | 9  | 336                      | 157  | 130      | 10        | 6      | 3      | 32   | 60    |
| 25                   | Kyauksè ...                  | 5                             | 5  | 278                      | 125  | 173      | 55        | 10     | 4      | ...  | 1     |
| 26                   | Meiktila ...                 | 5                             | 4  | 401                      | 31   | 15       | 3         | ...    | ...    | ...  | ...   |
| 27                   | Myingyan ...                 | 9                             | 8  | 197                      | 47   | 38       | 7         | ...    | 8      | 6    | 10    |
| 28                   | Yamèthin ...                 | 11                            | 2  | 359                      | 5  | 1        | ...       | ...    | ...    | ...  | ...   |
| SAGAING DIVISION.    |                              |                               |  |                          |  |          |           |        |        |      |       |
| 29                   | Shwebo ...                   | 10                            | 6  | 622                      | 17   | 31       | 6         | 2      | ...    | 6    | 26    |
| 30                   | Sagaing ...                  | 8                             | 8  | 283                      | 134  | 40       | 41        | 9      | 2      | 30   | 84    |
| 31                   | Lower Chindwin ...           | 8                             | 8  | 374                      | 81   | 92       | 10        | 5      | 1      | ...  | ...   |
| Total, Burma ...     |                              | 287                           | 198  | 12,939                   | 2,106  | 913      | 473       | 716    | 1,318  | 831  | 468   |



## Districts of Burma during each month of the year 1929. (Paragraph 19.)

| 5     |         |            |          |           |          | 6      |          |        | 7  |          |        | 8  | 1   |
|-------|---------|------------|----------|-----------|----------|--------|----------|--------|--|----------|--------|--|-----|
| July. | August. | September. | October. | November. | December | Total. |          |        | Ratio of deaths per 1,000 of population. |          |        | Mean ratio per 1,000 of previous five years. | No. |
|       |         |            |          |           |          | Males. | Females. | Total. | Males.                                   | Females. | Total. |  |     |
| 131   | 80      | 174        | 22       | 8         | 2        | 449    | 355      | 804    | 1·46                                     | 1·34     | 1·40   | 1·05   | 1   |
| 26    | 21      | ...        | ...      | ...       | ...      | 50     | 51       | 101    | ·52                                      | ·49      | ·51    | ·56  | 2   |
| ...   | ...     | ...        | ...      | ...       | ...      | 7      | 10       | 17     | ·13                                      | ·18      | ·15    | ·05  | 3   |
| 2     | ...     | ...        | 1        | ...       | 3        | 57     | 4        | 61     | ·24                                      | ·04      | ·18    | ·30  | 4   |
| 1     | ...     | ...        | ...      | ...       | ...      | 169    | 114      | 283    | ·72                                      | ·54      | ·64    | ·21  | 5   |
| ...   | ...     | ...        | 9        | 10        | 19       | 41     | 33       | 74     | ·17                                      | ·13      | ·15    | ·53  | 6   |
| ...   | ...     | ...        | ...      | ...       | ...      | 51     | 18       | 69     | ·25                                      | ·11      | ·19    | ·24  | 7   |
| 1     | ...     | ...        | ...      | ...       | ...      | 46     | 21       | 67     | ·30                                      | ·16      | ·23    | ·30  | 8   |
| ...   | 3       | ...        | 3        | ...       | ...      | 13     | 11       | 24     | ·07                                      | ·06      | ·06    | ·74  | 9   |
| 41    | 3       | ...        | 1        | 13        | 2        | 515    | 294      | 809    | 2·04                                     | 1·24     | 1·65   | ·68  | 10  |
| 3     | 6       | 61         | 49       | 12        | 11       | 253    | 181      | 434    | ·93                                      | ·65      | ·79    | ·67  | 11  |
| ...   | ...     | ...        | ...      | 14        | 68       | 255    | 145      | 400    | 1·30                                     | ·83      | 1·08   | ·40  | 12  |
| 1     | ...     | ...        | 2        | 32        | 42       | 272    | 155      | 427    | 1·61                                     | ·96      | 1·29   | 1·03   | 13  |
| ...   | ...     | ...        | ...      | ...       | 5        | 342    | 183      | 525    | 2·18                                     | 1·38     | 1·82   | ·71  | 14  |
| 75    | 4       | 11         | ...      | ...       | ...      | 125    | 76       | 201    | ·51                                      | ·34      | ·43    | ·21  | 15  |
| 21    | 9       | 2          | ...      | ...       | ...      | 134    | 96       | 230    | ·60                                      | ·49      | ·55    | ·27  | 16  |
| ...   | ...     | ...        | ...      | ...       | ...      | ...    | ...      | ...    | ...                                      | ...      | ...    | ·00  | 17  |
| ...   | ...     | ...        | ...      | ...       | ...      | ...    | ...      | ...    | ...                                      | ...      | ...    | ·00  | 18  |
| ...   | ...     | 7          | 19       | ...       | ...      | 40     | 22       | 62     | ·20                                      | ·12      | ·16    | ·32  | 19  |
| ...   | 1       | 1          | ...      | ...       | ...      | 7      | 7        | 14     | ·06                                      | ·05      | ·05    | ·41  | 20  |
| 7     | 47      | 196        | 145      | 43        | 2        | 230    | 238      | 468    | 1·71                                     | 1·70     | 1·71   | ·89  | 21  |
| 9     | 7       | 9          | 3        | 1         | ...      | 51     | 11       | 62     | ·24                                      | ·05      | ·15    | ·56  | 22  |
| 6     | 43      | 123        | 113      | 22        | 3        | 254    | 187      | 441    | 1·13                                     | ·77      | ·95    | ·62  | 23  |
| 121   | 41      | 4          | 15       | 3         | 3        | 269    | 159      | 428    | 1·47                                     | ·92      | 1·20   | ·48  | 24  |
| 12    | 34      | 17         | 13       | 27        | ...      | 185    | 161      | 346    | 2·63                                     | 2·23     | 2·43   | ·81  | 25  |
| ...   | 16      | 19         | 15       | 5         | 3        | 41     | 35       | 76     | ·30                                      | ·23      | ·26    | ·97  | 26  |
| 25    | 64      | 27         | 12       | 16        | 1        | 112    | 102      | 214    | ·53                                      | ·45      | ·48    | ·45  | 27  |
| ...   | ...     | ...        | ...      | ...       | 21       | 12     | 10       | 22     | ·07                                      | ·06      | ·07    | ·52  | 28  |
| 96    | 14      | 16         | 8        | ...       | ...      | 132    | 73       | 205    | ·74                                      | ·36      | ·54    | ·05  | 29  |
| 287   | 142     | 40         | 59       | 17        | 8        | 418    | 341      | 759    | 2·70                                     | 1·98     | 2·32   | ·62  | 30  |
| 12    | 8       | 77         | 97       | 43        | 2        | 183    | 164      | 347    | 1·13                                     | ·85      | ·98    | ·58  | 31  |
| 877   | 543     | 784        | 586      | 266       | 195      | 4,713  | 3,257    | 7,970  | ·85                                      | ·62      | ·74    | ·52  |     |

## ANNUAL STATEMENT NO. VIII.—Deaths registered from Small-pox in the

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Circles of Registration |  | 4<br>Village-tracts.     |  | 5        |           |        |        |      |       |       |
|----------------------|-------------------------------|------------------------------|--|--------------------------|--|----------|-----------|--------|--------|------|-------|-------|
|                      |                               | Number in each district.     | Number from which deaths from small-pox were reported. | Number in each district. | Number from which deaths from small-pox were reported. | January. | February. | March. | April. | May. | June. | July. |
|                      |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| ARAKAN DIVISION.     |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| 1                    | Akyab ...                     | 11                           | 9  | 871                      | 163  | 28       | 16        | 92     | 53     | 41   | 32    | 173   |
| 2                    | Kyaukpyu ...                  | 6                            | 2  | 355                      | 4  | ...      | ...       | ...    | 12     | 2    | ...   | 12    |
| 3                    | Sandoway ...                  | 6                            | 1  | 178                      | 4  | ...      | 1         | 5      | 4      | ...  | ...   | ...   |
| PEGU DIVISION.       |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| 4                    | Rangoon ...                   | 1                            | 1  | 1                        | 1  | 1        | 4         | 4      | 1      | 2    | ...   | 1     |
| 5                    | Pegu ...                      | 16                           | 5  | 456                      | 6  | 1        | 1         | 3      | 3      | 4    | ...   | ...   |
| 6                    | Tharrawaddy ...               | 16                           | 12   | 556                      | 39   | 6        | 8         | 18     | 11     | 7    | 6     | 1     |
| 7                    | Hanthawaddy ...               | 9                            | 5  | 470                      | 9  | ...      | 1         | 3      | 3      | ...  | 2     | 2     |
| 8                    | Insein ...                    | 9                            | 4  | 376                      | 12   | ...      | ...       | 4      | 1      | 2    | ...   | 8     |
| 9                    | Prome ...                     | 14                           | 7  | 446                      | 33   | ...      | 3         | 8      | 29     | 29   | 4     | ...   |
| IRRAWADDY DIVISION.  |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| 10                   | Bassein ...                   | 15                           | 1  | 691                      | 1  | ...      | ...       | ...    | ...    | ...  | ...   | 3     |
| 11                   | Henzada ...                   | 9                            | 4  | 596                      | 35   | 7        | 6         | 8      | 3      | 2    | 6     | ...   |
| 12                   | Myaungmya ...                 | 9                            | 1  | 591                      | 1  | ...      | ...       | ...    | ...    | ...  | ...   | 1     |
| 13                   | Maubin ...                    | 7                            | 3  | 314                      | 12   | ...      | 1         | 1      | 2      | 4    | 2     | 1     |
| 14                   | Pyapôn ...                    | 6                            | 6  | 346                      | 8  | 9        | 12        | 14     | 11     | 4    | 1     | 1     |
| TENASSERIM DIVISION. |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| 15                   | Thatôn ...                    | 13                           | 5  | 387                      | 4  | ...      | 1         | 1      | 1      | 1    | ...   | 2     |
| 16                   | Amherst ...                   | 10                           | 4  | 350                      | 9  | 4        | 4         | 9      | 6      | 10   | 5     | 6     |
| 17                   | Tavoy ...                     | 6                            | ...  | 180                      | ...  | ...      | ...       | ...    | ...    | ...  | ...   | ...   |
| 18                   | Mergui ...                    | 6                            | ...  | 148                      | ...  | ...      | ...       | ...    | ...    | ...  | ...   | ...   |
| 19                   | Toungôo ...                   | 15                           | 10   | 563                      | 43   | 9        | 7         | 24     | 33     | 18   | 10    | 9     |
| MAGWE DIVISION.      |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| 20                   | Thayetmyo ...                 | 8                            | 1  | 643                      | 6  | 8        | 4         | ...    | 2      | 3    | 1     | ...   |
| 21                   | Minbu ...                     | 10                           | ...  | 360                      | ...  | ...      | ...       | ...    | ...    | ...  | ...   | ...   |
| 22                   | Magwe ...                     | 10                           | 2  | 468                      | 25   | ...      | ...       | 23     | 18     | 15   | 7     | ...   |
| 23                   | Pakôkku ...                   | 9                            | 5  | 743                      | 19   | ...      | 1         | 4      | 11     | 18   | 10    | 1     |
| MANDALAY DIVISION.   |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| 24                   | Mandalay ...                  | 10                           | 5  | 336                      | 6  | ...      | 1         | 2      | 2      | 1    | 2     | ...   |
| 25                   | Kyauksè ...                   | 5                            | 2  | 278                      | 4  | ...      | ...       | ...    | ...    | 1    | 1     | ...   |
| 26                   | Meiktila ...                  | 5                            | 3  | 401                      | 10   | ...      | 4         | 1      | 10     | 2    | ...   | 2     |
| 27                   | Myingyan ...                  | 9                            | 7  | 197                      | 31   | 5        | 20        | 85     | 155    | 78   | 42    | 15    |
| 28                   | Yamèthin ...                  | 11                           | 9  | 359                      | 39   | 3        | 15        | 30     | 19     | 10   | 3     | ...   |
| SAGAING DIVISION.    |                               |                              |  |                          |  |          |           |        |        |      |       |       |
| 29                   | Shwebo ...                    | 10                           | 6  | 622                      | 7  | 1        | 4         | 2      | 12     | 1    | 4     | 1     |
| 30                   | Sagaing ...                   | 8                            | 7  | 283                      | 31   | 13       | 2         | 8      | 7      | 6    | 1     | 1     |
| 31                   | Lower Chindwin ...            | 8                            | 6  | 374                      | 20   | 2        | ...       | 4      | 13     | 1    | 1     | 1     |
| Total, Burma ..      |                               | 287                          | 133  | 12,939                   | 582  | 97       | 116       | 353    | 422    | 262  | 140   | 240   |

## Districts of Burma during each month of the year 1929. (Paragraph 23.)

| August. | September. | October. | November. | December. | 6      |          |        | 7                                      |                         | 8  |          |        | 9   | No. |
|---------|------------|----------|-----------|-----------|--------|----------|--------|--|-------------------------|--|----------|--------|-----|-----|
|         |            |          |           |           | Total. |          |        | Number of these deaths among children. |                         | Ratio of deaths per 1,000 of population. |          |        |     |     |
|         |            |          |           |           | Males. | Females. | Total. | Under 1 year.                          | One and under 10 years. | Males.                                   | Females. | Total. |     |     |
| 27      | 51         | 9        | 1         | 19        | 318    | 224      | 542    | 19                                     | 120                     | 1.03                                     | .84      | .94    | .26 | 1   |
| 1       | ...        | ...      | ...       | ...       | 9      | 18       | 27     | ...                                    | 2                       | .09                                      | .17      | .14    | .03 | 2   |
| ...     | ...        | ...      | ...       | ...       | 3      | 7        | 10     | 1                                      | 1                       | .05                                      | .12      | .09    | .14 | 3   |
| ...     | ...        | ...      | ...       | ...       | 10     | 3        | 13     | ...                                    | ...                     | .04                                      | .03      | .04    | .78 | 4   |
| ...     | ...        | ...      | ...       | ...       | 8      | 4        | 12     | ...                                    | 4                       | .03                                      | .02      | .03    | .36 | 5   |
| 1       | ...        | ...      | ...       | 1         | 31     | 28       | 59     | 3                                      | 22                      | .13                                      | .11      | .12    | .04 | 6   |
| ...     | ...        | ...      | ...       | ...       | 4      | 5        | 9      | 1                                      | 3                       | .02                                      | .03      | .02    | .15 | 7   |
| ...     | ...        | ...      | 1         | 2         | 7      | 5        | 12     | ...                                    | 3                       | .05                                      | .04      | .04    | .17 | 8   |
| 1       | 2          | ...      | ...       | ...       | 43     | 41       | 84     | 10                                     | 28                      | .24                                      | .22      | .23    | .23 | 9   |
| 2       | ...        | ...      | ...       | ...       | 5      | ...      | 5      | ...                                    | ...                     | .02                                      | ...      | .01    | .07 | 10  |
| 1       | ...        | ...      | ...       | 2         | 19     | 16       | 35     | 1                                      | 20                      | .07                                      | .06      | .06    | .06 | 11  |
| 1       | ...        | ...      | ...       | ...       | ...    | 1        | 1      | 1                                      | ...                     | ...                                      | .01      | .00    | .09 | 12  |
| 1       | 1          | ...      | 1         | ...       | 13     | 1        | 14     | 1                                      | ...                     | .08                                      | .01      | .04    | .15 | 13  |
| ...     | ...        | ...      | ...       | ...       | 30     | 22       | 52     | 5                                      | 22                      | .19                                      | .17      | .18    | .21 | 14  |
| 4       | 1          | ...      | ...       | ...       | 6      | 5        | 11     | ...                                    | ...                     | .02                                      | .02      | .02    | .17 | 15  |
| 10      | 1          | 2        | 1         | 8         | 41     | 25       | 66     | 3                                      | 28                      | .18                                      | .13      | .16    | .16 | 16  |
| ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                    | ...                     | ...                                      | ...      | ...    | .01 | 17  |
| ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                    | ...                     | ...                                      | ...      | ...    | .06 | 18  |
| 9       | 2          | ...      | ...       | 1         | 67     | 55       | 122    | ...                                    | ...                     | .34                                      | .30      | .32    | .36 | 19  |
| ...     | ...        | ...      | ...       | ...       | 8      | 10       | 18     | 1                                      | 12                      | .06                                      | .08      | .07    | .31 | 20  |
| ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                    | ...                     | ...                                      | ...      | ...    | .13 | 21  |
| ...     | ...        | ...      | 1         | ...       | 49     | 15       | 64     | ...                                    | ...                     | .23                                      | .07      | .15    | .26 | 22  |
| ...     | ...        | ...      | 1         | 2         | 39     | 9        | 48     | ...                                    | ...                     | .17                                      | .04      | .10    | .24 | 23  |
| ...     | 1          | 2        | 3         | 4         | 12     | 6        | 18     | 2                                      | 8                       | .07                                      | .03      | .05    | .44 | 24  |
| 1       | 1          | ...      | ...       | ...       | 4      | ...      | 4      | ...                                    | 1                       | .06                                      | ...      | .03    | .15 | 25  |
| 1       | ...        | ...      | ...       | ...       | 9      | 11       | 20     | 3                                      | 15                      | .07                                      | .07      | .07    | .22 | 26  |
| 2       | 4          | ...      | 5         | 3         | 186    | 228      | 414    | ...                                    | ...                     | .87                                      | 1.00     | .94    | .80 | 27  |
| ...     | ...        | 1        | ...       | 1         | 50     | 32       | 82     | 7                                      | 22                      | .31                                      | .20      | .25    | .25 | 28  |
| ...     | ...        | ...      | ...       | ...       | 13     | 12       | 25     | 4                                      | 1                       | .07                                      | .06      | .07    | .20 | 29  |
| 2       | 1          | 1        | ...       | ...       | 30     | 12       | 42     | 3                                      | 15                      | .19                                      | .07      | .13    | .44 | 30  |
| 3       | 5          | 2        | ...       | ...       | 18     | 14       | 32     | 2                                      | 7                       | .11                                      | .09      | .09    | .28 | 31  |
| 67      | 70         | 17       | 14        | 43        | 1,032  | 809      | 1,841  | 67                                     | 334                     | .19                                      | .15      | .17    | .24 |     |

## ANNUAL STATEMENT NO. IX.—Deaths registered from Fevers in the

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Circles of Registration. |   | 4<br>Village-tracts.     |   | January. | February. | March. | April. | May.  | June. |
|----------------------|-------------------------------|-------------------------------|---|--------------------------|---|----------|-----------|--------|--------|-------|-------|
|                      |                               | Number in each district.      | Number from which deaths from fevers were reported. | Number in each district. | Number from which deaths from fevers were reported. |          |           |        |        |       |       |
| ARAKAN DIVISION.     |                               |                               |   |                          |   |          |           |        |        |       |       |
| 1                    | Akyab ...                     | 11                            | 11  | 871                      | 656   | 616      | 302       | 496    | 515    | 308   | 480   |
| 2                    | Kyaukpyu ...                  | 6                             | 6   | 355                      | 296   | 127      | 76        | 59     | 131    | 86    | 116   |
| 3                    | Sandoway ...                  | 6                             | 6   | 178                      | 178   | 104      | 78        | 69     | 86     | 67    | 83    |
| PEGU DIVISION.       |                               |                               |   |                          |   |          |           |        |        |       |       |
| 4                    | Rangoon ...                   | 1                             | 1   | 1                        | 1   | 32       | 34        | 22     | 48     | 33    | 34    |
| 5                    | Pegu ...                      | 16                            | 16  | 456                      | 435   | 103      | 104       | 167    | 142    | 205   | 276   |
| 6                    | Tharrawaddy ...               | 16                            | 16  | 556                      | 459   | 191      | 202       | 195    | 156    | 171   | 205   |
| 7                    | Hanthawaddy ...               | 9                             | 9   | 470                      | 470   | 143      | 109       | 81     | 170    | 144   | 165   |
| 8                    | Insein ...                    | 9                             | 9   | 376                      | 368   | 198      | 131       | 120    | 142    | 105   | 136   |
| 9                    | Prome ...                     | 14                            | 14  | 446                      | 351   | 292      | 259       | 290    | 213    | 191   | 210   |
| IRRAWADDY DIVISION.  |                               |                               |   |                          |   |          |           |        |        |       |       |
| 10                   | Bassein ...                   | 15                            | 15  | 691                      | 681   | 233      | 165       | 168    | 290    | 261   | 219   |
| 11                   | Henzada ...                   | 9                             | 9   | 596                      | 596   | 174      | 154       | 154    | 209    | 144   | 250   |
| 12                   | Myaungmya ...                 | 9                             | 9   | 591                      | 431   | 117      | 100       | 73     | 56     | 47    | 90    |
| 13                   | Maubin ...                    | 7                             | 7   | 314                      | 280   | 60       | 95        | 72     | 84     | 101   | 94    |
| 14                   | Pyapôn ...                    | 6                             | 6   | 346                      | 346   | 185      | 195       | 150    | 156    | 152   | 131   |
| TENASSERIM DIVISION. |                               |                               |   |                          |   |          |           |        |        |       |       |
| 15                   | Thatôn ...                    | 13                            | 13  | 387                      | 387   | 171      | 113       | 131    | 118    | 112   | 121   |
| 16                   | Amherst ...                   | 10                            | 10  | 350                      | 350   | 98       | 87        | 109    | 105    | 129   | 113   |
| 17                   | Tavoy ...                     | 6                             | 6   | 180                      | 180   | 155      | 107       | 191    | 188    | 162   | 345   |
| 18                   | Mergui ...                    | 6                             | 6   | 148                      | 148   | 227      | 81        | 86     | 137    | 79    | 122   |
| 19                   | Toungoo ...                   | 15                            | 15  | 563                      | 537   | 176      | 114       | 131    | 104    | 137   | 152   |
| MAGWE DIVISION.      |                               |                               |   |                          |   |          |           |        |        |       |       |
| 20                   | Thayetmyo ...                 | 8                             | 8   | 643                      | 616   | 107      | 176       | 250    | 184    | 126   | 299   |
| 21                   | Minbu ...                     | 10                            | 10  | 360                      | 359   | 380      | 290       | 214    | 269    | 178   | 176   |
| 22                   | Magwe ...                     | 10                            | 10  | 468                      | 442   | 141      | 158       | 110    | 183    | 88    | 223   |
| 23                   | Pakôkku ...                   | 9                             | 9   | 743                      | 743   | 516      | 384       | 455    | 503    | 312   | 350   |
| MANDALAY DIVISION.   |                               |                               |   |                          |   |          |           |        |        |       |       |
| 24                   | Mandalay ...                  | 10                            | 10  | 336                      | 336   | 242      | 153       | 154    | 209    | 167   | 261   |
| 25                   | Kyaukse ...                   | 5                             | 5   | 278                      | 278   | 243      | 118       | 155    | 171    | 96    | 158   |
| 26                   | Meiktila ...                  | 5                             | 5   | 401                      | 328   | 164      | 87        | 109    | 121    | 71    | 93    |
| 27                   | Myingyan ...                  | 9                             | 9   | 197                      | 189   | 165      | 97        | 51     | 146    | 67    | 50    |
| 28                   | Yamêthin ...                  | 11                            | 11  | 359                      | 329   | 229      | 157       | 201    | 167    | 194   | 164   |
| SAGAING DIVISION.    |                               |                               |   |                          |   |          |           |        |        |       |       |
| 29                   | Shwebo ...                    | 10                            | 10  | 622                      | 617   | 459      | 346       | 317    | 454    | 392   | 516   |
| 30                   | Sagaing ...                   | 8                             | 8   | 283                      | 227   | 229      | 167       | 193    | 174    | 175   | 219   |
| 31                   | Lower Chindwin ...            | 8                             | 8   | 374                      | 351   | 196      | 184       | 239    | 315    | 378   | 314   |
| Total, Burma         |                               | 287                           | 287   | 12,939                   | 11,965  | 6,473    | 4,823     | 5,212  | 5,946  | 4,878 | 6,165 |

## Districts of Burma during each month of the year 1929. (Paragraph 31.)

| 5     |         |            |          |           |           | 6      |          |        | 7  |          |        | 8   | No. |
|-------|---------|------------|----------|-----------|-----------|--------|----------|--------|--|----------|--------|---|-----|
| July. | August. | September. | October. | November. | December. | Total. |          |        | Ratio of deaths per 1,000 of population. |          |        | Mean rate per 1,000 of previous five years. |     |
|       |         |            |          |           |           | Males. | Females. | Total. | Males.                                   | Females. | Total. |   |     |
| 598   | 537     | 816        | 650      | 545       | 791       | 3,484  | 3,170    | 6,654  | 11·30                                    | 11·93    | 11·59  | 12·09                                       | 1   |
| 162   | 157     | 121        | 105      | 76        | 65        | 652    | 629      | 1,281  | 6·75                                     | 6·09     | 6·41   | 6·18  | 2   |
| 133   | 111     | 66         | 142      | 71        | 67        | 571    | 506      | 1,077  | 10·32                                    | 8·92     | 9·61   | 10·73                                       | 3   |
| 45    | 36      | 40         | 42       | 34        | 40        | 345    | 93       | 438    | 1·45                                     | ·87      | 1·27   | 1·35  | 4   |
| 237   | 279     | 324        | 229      | 151       | 173       | 1,428  | 962      | 2,390  | 6·07                                     | 4·57     | 5·36   | 5·37  | 5   |
| 359   | 274     | 220        | 177      | 326       | 425       | 1,536  | 1,365    | 2,901  | 6·24                                     | 5·54     | 5·89   | 8·33  | 6   |
| 211   | 112     | 90         | 175      | 163       | 155       | 1,047  | 671      | 1,718  | 5·21                                     | 4·10     | 4·71   | 4·08  | 7   |
| 169   | 173     | 132        | 211      | 139       | 201       | 1,039  | 818      | 1,857  | 6·71                                     | 6·07     | 6·41   | 5·90  | 8   |
| 302   | 364     | 250        | 264      | 261       | 386       | 1,696  | 1,586    | 3,282  | 9·28                                     | 8·40     | 8·83   | 9·93  | 9   |
| 350   | 292     | 261        | 288      | 265       | 216       | 1,663  | 1,345    | 3,008  | 6·57                                     | 5·69     | 6·15   | 5·17  | 10  |
| 151   | 187     | 201        | 276      | 219       | 265       | 1,252  | 1,132    | 2,384  | 4·58                                     | 4·08     | 4·33   | 5·75  | 11  |
| 58    | 59      | 63         | 51       | 107       | 139       | 622    | 338      | 960    | 3·16                                     | 1·94     | 2·59   | 3·89  | 12  |
| 72    | 93      | 70         | 102      | 93        | 94        | 609    | 421      | 1,030  | 3·61                                     | 2·61     | 3·12   | 3·16  | 13  |
| 98    | 112     | 90         | 119      | 166       | 177       | 1,102  | 629      | 1,731  | 7·03                                     | 4·76     | 5·99   | 4·80  | 14  |
| 217   | 172     | 173        | 218      | 180       | 129       | 1,015  | 840      | 1,855  | 4·13                                     | 3·73     | 3·94   | 5·92  | 15  |
| 109   | 148     | 146        | 199      | 151       | 110       | 874    | 630      | 1,504  | 3·91                                     | 3·24     | 3·60   | 3·41  | 16  |
| 150   | 124     | 308        | 124      | 137       | 190       | 1,160  | 1,021    | 2,181  | 14·32                                    | 13·47    | 13·91  | 14·81                                       | 17  |
| 187   | 122     | 180        | 99       | 101       | 166       | 856    | 731      | 1,587  | 11·75                                    | 11·68    | 11·72  | 10·83                                       | 18  |
| 183   | 197     | 242        | 159      | 245       | 310       | 1,240  | 910      | 2,150  | 6·28                                     | 4·94     | 5·63   | 8·16  | 19  |
| 131   | 144     | 479        | 201      | 190       | 714       | 1,548  | 1,453    | 3,001  | 12·36                                    | 11·17    | 11·75  | 11·33                                       | 20  |
| 309   | 335     | 274        | 549      | 658       | 856       | 2,311  | 2,177    | 4,488  | 17·18                                    | 15·57    | 16·36  | 12·47                                       | 21  |
| 157   | 180     | 88         | 248      | 153       | 223       | 1,057  | 895      | 1,952  | 4·99                                     | 4·23     | 4·61   | 4·86  | 22  |
| 567   | 541     | 536        | 426      | 432       | 410       | 2,785  | 2,647    | 5,432  | 12·44                                    | 10·95    | 11·66  | 9·39  | 23  |
| 345   | 242     | 225        | 257      | 332       | 381       | 1,659  | 1,309    | 2,968  | 9·07                                     | 7·54     | 8·32   | 7·51  | 24  |
| 175   | 191     | 157        | 238      | 220       | 277       | 1,178  | 1,021    | 2,199  | 16·72                                    | 14·14    | 15·41  | 11·55                                       | 25  |
| 131   | 92      | 86         | 110      | 114       | 187       | 761    | 604      | 1,365  | 5·53                                     | 3·97     | 4·71   | 3·80  | 26  |
| 231   | 100     | 81         | 148      | 125       | 180       | 749    | 692      | 1,441  | 3·51                                     | 3·03     | 3·26   | 3·71  | 27  |
| 229   | 223     | 214        | 213      | 279       | 353       | 1,399  | 1,224    | 2,623  | 8·69                                     | 7·54     | 8·12   | 6·66  | 28  |
| 685   | 603     | 614        | 559      | 659       | 684       | 3,168  | 3,120    | 6,288  | 17·65                                    | 15·56    | 16·55  | 8·69  | 29  |
| 297   | 256     | 233        | 242      | 280       | 306       | 1,425  | 1,346    | 2,771  | 9·19                                     | 7·83     | 8·48   | 5·42  | 30  |
| 282   | 396     | 358        | 414      | 494       | 460       | 2,028  | 2,002    | 4,030  | 12·52                                    | 10·41    | 11·38  | 7·98  | 31  |
| 7,328 | 6,852   | 7,138      | 7,235    | 7,366     | 9,130     | 42,259 | 36,287   | 78,546 | 7·62                                     | 6·88     | 7·26   | 6·82  |     |

## ANNUAL STATEMENT NO. X.—Deaths registered from Dysentery and Diarrhœa

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Circles of Registration. |   | 4<br>Village-tracts.     |   | January. | February. | March. | April. | May. | June. |
|----------------------|-------------------------------|-------------------------------|---|--------------------------|---|----------|-----------|--------|--------|------|-------|
|                      |                               | Number in each district.      | Number from which deaths from dysentery and diarrhœa were reported. | Number in each district. | Number from which deaths from dysentery and diarrhœa were reported. |          |           |        |        |      |       |
| ARAKAN DIVISION.     |                               |                               |   |                          |   |          |           |        |        |      |       |
| 1                    | Akyab ...                     | 11                            | 11  | 871                      | 174   | 15       | 12        | 18     | 17     | 17   | 41    |
| 2                    | Kyaukpyu ...                  | 6                             | 5   | 355                      | 28  | 5        | 1         | 2      | 13     | 4    | 22    |
| 3                    | Sandoway ...                  | 6                             | 4   | 178                      | 34  | 2        | 1         | 4      | 2      | 1    | 2     |
| PEGU DIVISION.       |                               |                               |   |                          |   |          |           |        |        |      |       |
| 4                    | Rangoon ...                   | 1                             | 1   | 1                        | 1   | 61       | 67        | 66     | 58     | 65   | 97    |
| 5                    | Pegu ...                      | 16                            | 14  | 456                      | 50  | 4        | 5         | 11     | 13     | 10   | 22    |
| 6                    | Tharrawaddy ...               | 16                            | 16  | 556                      | 207   | 12       | 6         | 41     | 15     | 18   | 36    |
| 7                    | Hanthawaddy ...               | 9                             | 9   | 470                      | 184   | 10       | 17        | 20     | 29     | 19   | 28    |
| 8                    | Insein ...                    | 9                             | 9   | 376                      | 117   | 12       | 6         | 5      | 13     | 8    | 18    |
| 9                    | Prome ...                     | 14                            | 14  | 446                      | 213   | 10       | 6         | 12     | 19     | 20   | 16    |
| IRRAWADDY DIVISION.  |                               |                               |   |                          |   |          |           |        |        |      |       |
| 10                   | Bassein ...                   | 15                            | 14  | 691                      | 101   | 30       | 17        | 31     | 73     | 44   | 53    |
| 11                   | Henzada ...                   | 9                             | 9   | 596                      | 234   | 15       | 10        | 9      | 20     | 35   | 47    |
| 12                   | Myaungmya ...                 | 9                             | 9   | 591                      | 96  | 21       | 23        | 22     | 16     | 37   | 45    |
| 13                   | Maubin ...                    | 7                             | 7   | 314                      | 32  | 8        | 33        | 24     | 26     | 27   | 15    |
| 14                   | Pyapôn ...                    | 6                             | 6   | 346                      | 80  | 30       | 34        | 39     | 26     | 49   | 51    |
| TENASSERIM DIVISION. |                               |                               |   |                          |   |          |           |        |        |      |       |
| 15                   | Thatôn ...                    | 13                            | 13  | 387                      | 116   | 15       | 21        | 10     | 22     | 16   | 33    |
| 16                   | Amherst ...                   | 10                            | 10  | 350                      | 102   | 22       | 12        | 14     | 20     | 13   | 23    |
| 17                   | Tavoy ...                     | 6                             | 6   | 180                      | 45  | 9        | 10        | 14     | 13     | 4    | 16    |
| 18                   | Mergui ...                    | 6                             | 6   | 148                      | 51  | 18       | 5         | 2      | 4      | 5    | 3     |
| 19                   | Toungoo ...                   | 15                            | 12  | 563                      | 89  | 8        | 8         | 6      | 7      | 12   | 9     |
| MAGWE DIVISION.      |                               |                               |   |                          |   |          |           |        |        |      |       |
| 20                   | Thayetmyo ...                 | 8                             | 7   | 643                      | 26  | 2        | 1         | 3      | 7      | ...  | 18    |
| 21                   | Minbu ...                     | 10                            | 10  | 360                      | 136   | 7        | 13        | 9      | 8      | 11   | 7     |
| 22                   | Magwe ...                     | 10                            | 10  | 468                      | 34  | 9        | 5         | 6      | 12     | 8    | 11    |
| 23                   | Pakôkku ...                   | 9                             | 9   | 743                      | 305   | 32       | 18        | 12     | 15     | 24   | 53    |
| MANDALAY DIVISION.   |                               |                               |   |                          |   |          |           |        |        |      |       |
| 24                   | Mandalay ...                  | 10                            | 8   | 336                      | 47  | 52       | 39        | 30     | 18     | 64   | 84    |
| 25                   | Kyauksè ...                   | 5                             | 4   | 278                      | 49  | 7        | 7         | 2      | 6      | 3    | 2     |
| 26                   | Meiktila ...                  | 5                             | 5   | 401                      | 116   | 20       | 15        | 12     | 19     | 14   | 20    |
| 27                   | Myingyan ...                  | 9                             | 8   | 197                      | 77  | 17       | 7         | 2      | 16     | 10   | 7     |
| 28                   | Yaméthin ...                  | 11                            | 10  | 359                      | 35  | 12       | 7         | 8      | 10     | 4    | 19    |
| SAGAING DIVISION.    |                               |                               |   |                          |   |          |           |        |        |      |       |
| 29                   | Shwebo ...                    | 10                            | 8   | 622                      | 73  | 11       | 6         | 7      | 13     | 17   | 64    |
| 30                   | Sagaing ...                   | 8                             | 8   | 283                      | 54  | 9        | 11        | 7      | 4      | 14   | 31    |
| 31                   | Lower Chindwin ...            | 8                             | 8   | 374                      | 73  | 4        | 1         | 13     | 11     | 10   | 36    |
|                      | Total, Burma ...              | 287                           | 270   | 12,939                   | 2,979   | 489      | 424       | 461    | 545    | 583  | 929   |

in the Districts of Burma during each month of the year 1929. (Paragraph 33.)

| 5     |         |            |          |           |           | 6      |          |        | 7  |          |        | 8  | 1   |
|-------|---------|------------|----------|-----------|-----------|--------|----------|--------|--|----------|--------|--|-----|
| July. | August. | September. | October. | November. | December. | Total. |          |        | Ratio of deaths per 1,000 of population. |          |        | Mean ratio per 1,000 of previous five years. | No. |
|       |         |            |          |           |           | Males. | Females. | Total. | Males.                                   | Females. | Total. |  |     |
| 50    | 39      | 91         | 52       | 35        | 16        | 220    | 183      | 403    | ·71                                      | ·69      | ·70    | ·94  | 1   |
| 35    | 28      | 15         | 7        | 3         | 3         | 78     | 60       | 138    | ·81                                      | ·58      | ·69    | ·68  | 2   |
| 6     | 13      | 3          | 4        | 1         | 4         | 22     | 21       | 43     | ·40                                      | ·37      | ·38    | ·57  | 3   |
| 136   | 90      | 77         | 66       | 68        | 64        | 585    | 330      | 915    | 2·45                                     | 3·09     | 2·64   | 3·39   | 4   |
| 36    | 10      | 17         | 14       | 10        | 10        | 101    | 61       | 162    | ·43                                      | ·29      | ·36    | ·35  | 5   |
| 108   | 56      | 42         | 20       | 23        | 12        | 220    | 169      | 389    | ·89                                      | ·69      | ·79    | ·78  | 6   |
| 34    | 10      | 9          | 20       | 16        | 7         | 128    | 91       | 219    | ·64                                      | ·56      | ·60    | ·57  | 7   |
| 41    | 45      | 11         | 9        | 15        | 14        | 126    | 71       | 197    | ·81                                      | ·53      | ·68    | ·60  | 8   |
| 41    | 46      | 31         | 15       | 8         | 5         | 121    | 108      | 229    | ·66                                      | ·57      | ·62    | 1·11   | 9   |
| 57    | 32      | 18         | 16       | 27        | 25        | 240    | 183      | 423    | ·95                                      | ·77      | ·86    | 1·05   | 10  |
| 46    | 59      | 44         | 41       | 25        | 20        | 174    | 197      | 371    | ·64                                      | ·71      | ·67    | ·82  | 11  |
| 20    | 14      | 23         | 11       | 15        | 30        | 189    | 88       | 277    | ·96                                      | ·51      | ·75    | 1·03   | 12  |
| 14    | 19      | 13         | 34       | 40        | 23        | 143    | 133      | 276    | ·85                                      | ·82      | ·84    | ·54  | 13  |
| 27    | 18      | 18         | 31       | 21        | 22        | 222    | 144      | 366    | 1·42                                     | 1·09     | 1·27   | ·93  | 14  |
| 51    | 56      | 17         | 21       | 10        | 13        | 151    | 134      | 285    | ·61                                      | ·60      | ·60    | ·89  | 15  |
| 20    | 45      | 22         | 57       | 26        | 19        | 161    | 132      | 293    | ·72                                      | ·68      | ·70    | ·98  | 16  |
| 6     | 12      | 16         | 7        | 13        | 12        | 76     | 56       | 132    | ·94                                      | ·74      | ·84    | ·80  | 17  |
| 18    | 4       | 12         | 4        | 3         | 1         | 48     | 31       | 79     | ·66                                      | ·50      | ·58    | 1·19   | 18  |
| 30    | 31      | 17         | 26       | 17        | 24        | 119    | 76       | 195    | ·60                                      | ·41      | ·51    | ·57  | 19  |
| 12    | 10      | 32         | 2        | 1         | 17        | 51     | 54       | 105    | ·41                                      | ·41      | ·41    | ·40  | 20  |
| 39    | 47      | 16         | 11       | 4         | 7         | 102    | 77       | 179    | ·76                                      | ·55      | ·65    | ·64  | 21  |
| 37    | 38      | 30         | 9        | 4         | 5         | 97     | 77       | 174    | ·46                                      | ·36      | ·41    | ·42  | 22  |
| 92    | 113     | 67         | 26       | 26        | 20        | 266    | 232      | 498    | 1·19                                     | ·96      | 1·07   | ·99  | 23  |
| 100   | 48      | 28         | 34       | 41        | 42        | 314    | 266      | 580    | 1·72                                     | 1·53     | 1·63   | 1·40   | 24  |
| 28    | 14      | 3          | 10       | 7         | 3         | 58     | 34       | 92     | ·82                                      | ·47      | ·64    | ·22  | 25  |
| 65    | 42      | 9          | 24       | 18        | 15        | 139    | 134      | 273    | 1·01                                     | ·88      | ·94    | ·44  | 26  |
| 37    | 14      | 6          | 18       | 49        | 13        | 114    | 82       | 196    | ·53                                      | ·36      | ·44    | ·40  | 27  |
| 27    | 27      | 20         | 14       | 13        | 13        | 108    | 66       | 174    | ·67                                      | ·41      | ·54    | ·31  | 28  |
| 63    | 48      | 40         | 9        | 5         | 20        | 149    | 154      | 303    | ·83                                      | ·77      | ·80    | ·47  | 29  |
| 29    | 33      | 19         | 27       | 10        | 10        | 110    | 94       | 204    | ·71                                      | ·55      | ·62    | ·59  | 30  |
| 51    | 54      | 30         | 39       | 34        | 28        | 170    | 141      | 311    | 1·05                                     | ·73      | ·88    | ·26  | 31  |
| 1,356 | 1,115   | 796        | 678      | 588       | 517       | 4,802  | 3,679    | 8,481  | ·87                                      | ·70      | ·78    | ·80  |     |

## ANNUAL STATEMENT NO. XI.—Deaths registered from Respiratory Diseases

| 1<br>No.             | 2<br>Divisions and Districts. | 3<br>Circles of Registration. |   | 4<br>Village-tracts.     |   | January. | February. | March. | April. | May. | June. |
|----------------------|-------------------------------|-------------------------------|---|--------------------------|---|----------|-----------|--------|--------|------|-------|
|                      |                               | Number in each district.      | Number from which deaths from respiratory diseases were reported. | Number in each district. | Number from which deaths from respiratory diseases were reported. |          |           |        |        |      |       |
| ARAKAN DIVISION.     |                               |                               |   |                          |   |          |           |        |        |      |       |
| 1                    | Akyab ...                     | 11                            | 11  | 871                      | 238   | 64       | 39        | 39     | 29     | 31   | 24    |
| 2                    | Kyaukpyu ...                  | 6                             | 5   | 355                      | 20  | 8        | 2         | 1      | 3      | 1    | 1     |
| 3                    | Sandoway ...                  | 6                             | 6   | 178                      | 12  | 4        | 1         | 1      | ...    | 2    | ...   |
| PEGU DIVISION.       |                               |                               |   |                          |   |          |           |        |        |      |       |
| 4                    | Rangoon ...                   | 1                             | 1   | 1                        | 1   | 261      | 283       | 278    | 277    | 264  | 262   |
| 5                    | Pegu ...                      | 16                            | 7   | 456                      | 22  | 13       | 12        | 17     | 18     | 17   | 19    |
| 6                    | Tharrawaddy ...               | 16                            | 16  | 556                      | 56  | 21       | 27        | 24     | 24     | 32   | 29    |
| 7                    | Hanthawaddy ...               | 9                             | 9   | 470                      | 89  | 8        | 6         | 16     | 24     | 10   | 17    |
| 8                    | Insein ...                    | 9                             | 8   | 376                      | 53  | 14       | 10        | 6      | 16     | 12   | 17    |
| 9                    | Prome ...                     | 14                            | 9   | 446                      | 26  | 24       | 36        | 26     | 24     | 19   | 21    |
| IRRAWADDY DIVISION.  |                               |                               |   |                          |   |          |           |        |        |      |       |
| 10                   | Bassein ...                   | 15                            | 13  | 691                      | 93  | 52       | 38        | 50     | 49     | 36   | 44    |
| 11                   | Henzada ...                   | 9                             | 9   | 596                      | 76  | 25       | 13        | 19     | 25     | 20   | 34    |
| 12                   | Myaungmya ...                 | 9                             | 7   | 591                      | 16  | 11       | 11        | 19     | 21     | 9    | 22    |
| 13                   | Maubin ...                    | 7                             | 7   | 314                      | 30  | 23       | 36        | 17     | 28     | 15   | 21    |
| 14                   | Pyapôn ...                    | 6                             | 6   | 346                      | 49  | 18       | 19        | 24     | 21     | 25   | 17    |
| TENASSERIM DIVISION. |                               |                               |   |                          |   |          |           |        |        |      |       |
| 15                   | Thatôn ...                    | 13                            | 13  | 387                      | 76  | 21       | 27        | 40     | 19     | 24   | 23    |
| 16                   | Amherst ...                   | 10                            | 10  | 350                      | 162   | 51       | 41        | 53     | 44     | 42   | 50    |
| 17                   | Tavov ...                     | 6                             | 5   | 180                      | 49  | 9        | 7         | 8      | 24     | 22   | 46    |
| 18                   | Mergui ...                    | 6                             | 5   | 148                      | 41  | 7        | 4         | 9      | 16     | 12   | 5     |
| 19                   | Toungoo ...                   | 15                            | 10  | 563                      | 66  | 31       | 24        | 36     | 15     | 11   | 13    |
| MAGWE DIVISION.      |                               |                               |   |                          |   |          |           |        |        |      |       |
| 20                   | Thayetmyo ...                 | 8                             | 4   | 643                      | 12  | 5        | 5         | 2      | 6      | 4    | 1     |
| 21                   | Minbu ...                     | 10                            | 8   | 360                      | 74  | 7        | 10        | 9      | 10     | 8    | 18    |
| 22                   | Magwe ...                     | 10                            | 8   | 468                      | 18  | 20       | 28        | 30     | 23     | 21   | 22    |
| 23                   | Pakôkku ...                   | 9                             | 9   | 743                      | 122   | 36       | 28        | 33     | 21     | 29   | 50    |
| MANDALAY DIVISION.   |                               |                               |   |                          |   |          |           |        |        |      |       |
| 24                   | Mandalay ...                  | 10                            | 8   | 336                      | 11  | 156      | 115       | 109    | 114    | 139  | 166   |
| 25                   | Kyauksè ...                   | 5                             | 4   | 278                      | 11  | 15       | 4         | 8      | 7      | 4    | 2     |
| 26                   | Meiktila ...                  | 5                             | 5   | 401                      | 18  | 14       | 8         | 11     | 10     | 7    | 15    |
| 27                   | Myingyan ...                  | 9                             | 4   | 197                      | 11  | 33       | 23        | 26     | 45     | 39   | 41    |
| 28                   | Yamèthin ...                  | 11                            | 7   | 359                      | 18  | 11       | 9         | 14     | 14     | 8    | 7     |
| SAGAING DIVISION.    |                               |                               |   |                          |   |          |           |        |        |      |       |
| 29                   | Shwebo ...                    | 10                            | 7   | 622                      | 24  | 21       | 20        | 8      | 20     | 18   | 29    |
| 30                   | Sagaing ...                   | 8                             | 8   | 283                      | 25  | 14       | 11        | 5      | 9      | 4    | 10    |
| 31                   | Lower Chindwin ...            | 8                             | 7   | 374                      | 52  | 21       | 17        | 25     | 16     | 10   | 24    |
|                      | Total ...                     | 287                           | 236   | 12,939                   | 1,571   | 1,018    | 914       | 963    | 972    | 895  | 1,050 |



*in the Districts of Burma during each month of the year 1929. (Paragraph 34.)*

| 5     |         |            |          |           |           | 6      |          |        | 7  |          |        | 8  | 9   |
|-------|---------|------------|----------|-----------|-----------|--------|----------|--------|--|----------|--------|--|-----|
| July. | August. | September. | October. | November. | December. | Total. |          |        | Ratio of deaths per 1,000 of population. |          |        | Mean ratio per 1,000 of previous five years. | No. |
|       |         |            |          |           |           | Males. | Females. | Total. | Males.                                   | Females. | Total. |  |     |
| 68    | 66      | 88         | 62       | 79        | 78        | 411    | 256      | 667    | 1·33                                     | ·96      | 1·16   | ·83  | 1   |
| 4     | 9       | 7          | 10       | 2         | 4         | 28     | 24       | 52     | ·29                                      | ·23      | ·26    | ·08  | 2   |
| ...   | 1       | ...        | 1        | ...       | 2         | 8      | 4        | 12     | ·14                                      | ·07      | ·11    | ·36  | 3   |
| 265   | 225     | 226        | 276      | 274       | 242       | 2,018  | 1,115    | 3,133  | 8·45                                     | 10·44    | 9·07   | 9·98   | 4   |
| 20    | 22      | 45         | 37       | 32        | 24        | 169    | 107      | 276    | ·72                                      | ·51      | ·62    | ·40  | 5   |
| 36    | 20      | 17         | 22       | 21        | 34        | 187    | 120      | 307    | ·76                                      | ·49      | ·62    | ·68  | 6   |
| 10    | 13      | 7          | 15       | 15        | 8         | 99     | 50       | 149    | ·49                                      | ·31      | ·41    | ·66  | 7   |
| 21    | 13      | 9          | 16       | 17        | 9         | 106    | 54       | 160    | ·68                                      | ·40      | ·55    | ·53  | 8   |
| 57    | 41      | 39         | 23       | 29        | 24        | 201    | 162      | 363    | 1·10                                     | ·86      | ·98    | ·93  | 9   |
| 60    | 51      | 59         | 51       | 94        | 80        | 384    | 280      | 664    | 1·52                                     | 1·18     | 1·36   | ·93  | 10  |
| 30    | 38      | 45         | 40       | 37        | 26        | 195    | 157      | 352    | ·71                                      | ·57      | ·64    | ·61  | 11  |
| 18    | 11      | 27         | 12       | 31        | 32        | 155    | 69       | 224    | ·79                                      | ·40      | ·60    | ·61  | 12  |
| 30    | 32      | 28         | 60       | 46        | 36        | 184    | 188      | 372    | 1·09                                     | 1·16     | 1·13   | ·60  | 13  |
| 14    | 16      | 17         | 16       | 25        | 26        | 141    | 97       | 238    | ·90                                      | ·73      | ·82    | ·72  | 14  |
| 37    | 39      | 31         | 35       | 25        | 29        | 182    | 168      | 350    | 74                                       | ·75      | ·74    | ·56  | 15  |
| 66    | 56      | 59         | 82       | 48        | 31        | 362    | 261      | 623    | 1·62                                     | 1·34     | 1·49   | 1·28   | 16  |
| 9     | 5       | 10         | 7        | 15        | 17        | 102    | 77       | 179    | 1·26                                     | 1·02     | 1·14   | ·69  | 17  |
| 17    | 6       | 25         | 14       | 16        | 8         | 79     | 60       | 139    | 1·08                                     | ·96      | 1·03   | ·74  | 18  |
| 24    | 13      | 21         | 18       | 16        | 14        | 136    | 100      | 236    | ·69                                      | ·54      | ·62    | ·49  | 19  |
| 1     | 7       | 6          | 5        | 11        | 13        | 37     | 29       | 66     | ·30                                      | ·22      | ·26    | ·24  | 20  |
| 22    | 12      | 11         | 13       | 10        | 4         | 76     | 58       | 134    | ·57                                      | ·41      | ·49    | ·56  | 21  |
| 16    | 33      | 26         | 20       | 23        | 31        | 146    | 147      | 293    | ·69                                      | ·69      | ·69    | ·66  | 22  |
| 49    | 30      | 21         | 19       | 16        | 21        | 164    | 189      | 353    | ·73                                      | ·78      | ·76    | ·64  | 23  |
| 183   | 137     | 103        | 115      | 142       | 140       | 894    | 725      | 1,619  | 4·89                                     | 4·18     | 4·54   | 4·19   | 24  |
| 2     | 5       | 3          | 16       | 2         | 1         | 36     | 33       | 69     | ·51                                      | ·46      | ·48    | ·49  | 25  |
| 7     | 9       | 5          | 12       | 6         | 3         | 64     | 43       | 107    | ·47                                      | ·28      | ·37    | ·51  | 26  |
| 31    | 25      | 23         | 29       | 45        | 34        | 200    | 194      | 394    | ·94                                      | ·85      | ·89    | ·57  | 27  |
| 20    | 20      | 7          | 13       | 27        | 12        | 89     | 73       | 162    | ·55                                      | ·45      | ·50    | ·66  | 28  |
| 32    | 19      | 20         | 15       | 20        | 21        | 113    | 130      | 243    | ·63                                      | ·65      | ·64    | ·55  | 29  |
| 12    | 13      | 7          | 2        | 3         | 7         | 46     | 51       | 97     | ·30                                      | ·30      | ·30    | ·51  | 30  |
| 23    | 25      | 15         | 26       | 41        | 31        | 138    | 136      | 274    | ·85                                      | ·71      | ·77    | ·37  | 31  |
| 1,184 | 1,012   | 1,007      | 1,082    | 1,168     | 1,042     | 7,150  | 5,157    | 12,307 | 1·29                                     | ·98      | 1·14   | 1·05   |     |

## ANNUAL STATEMENT NO. XII.—Deaths registered from Plague in the

| 1                    | 2                        | 3                        |   | 4                        |   | January. | February. | March. | April. | May. | June. |
|----------------------|--------------------------|--------------------------|---|--------------------------|---|----------|-----------|--------|--------|------|-------|
|                      |                          | Circles of Registration. |   | Village-tracts.          |   |          |           |        |        |      |       |
| No.                  | Divisions and Districts. | Number in each district. | Number from which deaths from Plague were reported. | Number in each district. | Number from which deaths from Plague were reported. |          |           |        |        |      |       |
| ARAKAN DIVISION.     |                          |                          |   |                          |   |          |           |        |        |      |       |
| 1                    | Akyab ...                | 11                       | ...   | 871                      | ...   | ...      | ...       | ...    | ...    | ...  | ...   |
| 2                    | Kyaukpyu ...             | 6                        | ...   | 355                      | ...   | ...      | ...       | ...    | ...    | ...  | ...   |
| 3                    | Sandoway ...             | 6                        | ...   | 178                      | ...   | ...      | ...       | ...    | ...    | ...  | ...   |
| PEGU DIVISION.       |                          |                          |   |                          |   |          |           |        |        |      |       |
| 4                    | Rangoon ...              | 1                        | 1   | 1                        | 1   | 4        | 5         | 6      | 18     | 2    | 11    |
| 5                    | Pegu ...                 | 16                       | 5   | 456                      | 6   | 13       | 20        | 10     | 4      | 2    | 5     |
| 6                    | Tharrawaddy ...          | 16                       | 9   | 556                      | 9   | 31       | 32        | 13     | 3      | 2    | 1     |
| 7                    | Hanthawaddy ...          | 9                        | 1   | 470                      | 1   | ...      | ...       | ...    | ...    | 1    | ...   |
| 8                    | Insein ...               | 9                        | 2   | 376                      | 66  | ...      | ...       | 1      | 3      | ...  | 1     |
| 9                    | Prome ...                | 14                       | 7   | 446                      | 14  | 31       | 30        | 20     | 3      | ...  | ...   |
| IRRAWADDY DIVISION   |                          |                          |   |                          |   |          |           |        |        |      |       |
| 10                   | Bassein ...              | 15                       | 4   | 691                      | 6   | 10       | 10        | 6      | 3      | 5    | 4     |
| 11                   | Henzada ...              | 9                        | 6   | 596                      | 12  | ...      | 7         | 2      | 4      | 2    | 12    |
| 12                   | Myaungmya ...            | 9                        | 4   | 591                      | 5   | 8        | 9         | 36     | 33     | 3    | 9     |
| 13                   | Maubin ...               | 7                        | 5   | 314                      | 6   | ...      | 7         | 10     | 3      | 2    | 2     |
| 14                   | Pyapôn ...               | 0                        | 1   | 346                      | 1   | ...      | 2         | 2      | 7      | 2    | ...   |
| TENASSERIM DIVISION. |                          |                          |   |                          |   |          |           |        |        |      |       |
| 15                   | Thatôn ...               | 13                       | 5   | 387                      | 14  | 18       | 5         | 3      | 15     | 3    | 15    |
| 16                   | Amherst ...              | 10                       | 1   | 350                      | 1   | ...      | ...       | ...    | ...    | ...  | ...   |
| 17                   | Tavoy ...                | 6                        | ...   | 180                      | ...   | ...      | ...       | ...    | ...    | ...  | ...   |
| 18                   | Mergui ...               | 6                        | ...   | 148                      | ...   | ...      | ...       | ...    | ...    | ...  | ...   |
| 19                   | Toungoo ...              | 15                       | 4   | 563                      | 7   | 2        | 10        | 2      | 3      | 2    | 4     |
| MAGWE DIVISION.      |                          |                          |   |                          |   |          |           |        |        |      |       |
| 20                   | Thayetmyo ...            | 8                        | ...   | 643                      | ...   | ...      | ...       | ...    | ...    | ...  | ...   |
| 21                   | Minbu ...                | 10                       | 4   | 360                      | 5   | 20       | 26        | 15     | ...    | ...  | ...   |
| 22                   | Magwe ...                | 10                       | 6   | 468                      | 7   | 4        | 15        | 4      | 1      | ...  | ...   |
| 23                   | Pakkôku ...              | 9                        | 3   | 743                      | 3   | ...      | 7         | 2      | ...    | 4    | ...   |
| MANDALAY DIVISION.   |                          |                          |   |                          |   |          |           |        |        |      |       |
| 24                   | Mandalay ...             | 10                       | 4   | 336                      | 14  | ...      | 3         | 8      | 2      | 2    | 1     |
| 25                   | Kyauksè ...              | 5                        | 5   | 278                      | 17  | 12       | 21        | 2      | 2      | ...  | ...   |
| 26                   | Meiktila ...             | 5                        | 5   | 401                      | 24  | 14       | 8         | 3      | ...    | ...  | ...   |
| 27                   | Myingyan ...             | 9                        | 6   | 197                      | 25  | 18       | 37        | 36     | 19     | 5    | ...   |
| 28                   | Yamèthin ...             | 11                       | 6   | 359                      | 8   | 24       | 32        | 12     | ...    | ...  | ...   |
| SAGAING DIVISION.    |                          |                          |   |                          |   |          |           |        |        |      |       |
| 29                   | Shwebo ...               | 10                       | 5   | 622                      | 5   | 5        | 8         | 5      | 3      | ...  | ...   |
| 30                   | Sagaing ...              | 8                        | 5   | 283                      | 9   | 26       | 22        | 4      | ...    | ...  | ...   |
| 31                   | Lower Chindwin ...       | 8                        | 5   | 374                      | 15  | 13       | 28        | 2      | 13     | 2    | ...   |
|                      | Total ...                | 287                      | 109   | 12,939                   | 281   | 253      | 350       | 204    | 139    | 39   | 65    |

## Districts of Burma during each month of the year 1929. (Paragraph 27).




| 5     |         |            |          |           |           | 6      |          |        | 7  |          |        | 8  | 9   |
|-------|---------|------------|----------|-----------|-----------|--------|----------|--------|--|----------|--------|--|-----|
| July. | August. | September. | October. | November. | December. | Total. |          |        | Ratio of deaths per 1,000 of population. |          |        | Mean ratio per 1,000 of previous five years. | No. |
|       |         |            |          |           |           | Males. | Females. | Total. | Males.                                   | Females. | Total. |  |     |
| ...   | ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                      | ...      | ...    | ...  | 1   |
| ...   | ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                      | ...      | ...    | ...  | 2   |
| ...   | ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                      | ...      | ...    | ...  | 3   |
| 20    | 13      | 7          | 4        | 3         | 1         | 75     | 19       | 94     | ·31                                      | ·18      | ·27    | 1·05   | 4   |
| 15    | 11      | 7          | ...      | 1         | 4         | 48     | 44       | 92     | ·20                                      | ·21      | ·21    | ·18  | 5   |
| 5     | 8       | 2          | 2        | 2         | 2         | 59     | 44       | 103    | ·24                                      | ·18      | ·21    | ·74  | 6   |
| ...   | ...     | ...        | ...      | ...       | ...       | 1      | ...      | 1      | ·00                                      | ...      | ·00    | ·03  | 7   |
| 28    | 27      | 4          | 1        | ...       | 1         | 36     | 30       | 66     | ·23                                      | ·22      | ·23    | ·31  | 8   |
| 2     | 4       | 9          | 6        | 2         | 10        | 68     | 49       | 117    | ·37                                      | ·26      | ·31    | ·92  | 9   |
| 16    | 12      | 3          | ...      | 1         | 4         | 43     | 37       | 80     | ·17                                      | ·16      | ·16    | ·59  | 10  |
| 90    | 58      | 10         | ...      | ...       | ...       | 98     | 87       | 185    | ·36                                      | ·31      | ·34    | ·28  | 11  |
| 17    | 5       | 1          | ...      | ...       | ...       | 66     | 55       | 121    | ·34                                      | ·32      | ·33    | ·17  | 12  |
| 2     | 5       | 2          | ...      | ...       | ...       | 8      | 25       | 33     | ·05                                      | ·15      | ·10    | ·31  | 13  |
| ...   | 1       | ...        | ...      | ...       | ...       | 6      | 8        | 14     | ·04                                      | ·06      | ·05    | ·15  | 14  |
| 4     | 1       | 5          | 5        | ...       | ...       | 50     | 24       | 74     | ·20                                      | ·11      | ·16    | ·23  | 15  |
| ...   | ...     | 1          | ...      | ...       | ...       | 1      | ...      | 1      | ·00                                      | ...      | ·00    | ·04  | 16  |
| ...   | ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                      | ...      | ...    | ...  | 17  |
| ...   | ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                      | ...      | ...    | ...  | 18  |
| 9     | 8       | 1          | 4        | 1         | 1         | 24     | 23       | 47     | ·12                                      | ·12      | ·12    | ·08  | 19  |
| ...   | ...     | ...        | ...      | ...       | ...       | ...    | ...      | ...    | ...                                      | ...      | ...    | ·32  | 20  |
| ...   | ...     | ...        | ...      | ...       | ...       | 33     | 28       | 61     | ·25                                      | ·20      | ·22    | ·18  | 21  |
| ...   | ...     | ...        | ...      | ...       | ...       | 20     | 4        | 24     | ·09                                      | ·02      | ·06    | ·27  | 22  |
| ...   | ...     | ...        | ...      | ...       | ...       | 11     | 2        | 13     | ·05                                      | ·01      | ·03    | ·26  | 23  |
| ...   | 4       | 12         | 24       | 41        | 136       | 145    | 88       | 233    | ·79                                      | ·51      | ·65    | 2·09   | 24  |
| ...   | ...     | 2          | 6        | ...       | ...       | 23     | 22       | 45     | ·33                                      | ·30      | ·32    | ·46  | 25  |
| ...   | 1       | 4          | 10       | 14        | 5         | 30     | 29       | 59     | ·22                                      | ·19      | ·20    | ·82  | 26  |
| ...   | ...     | ...        | ...      | 1         | 39        | 76     | 79       | 155    | ·36                                      | ·35      | ·35    | ·46  | 27  |
| ...   | ...     | ...        | ...      | ...       | ...       | 31     | 37       | 68     | ·19                                      | ·23      | ·21    | ·38  | 28  |
| ...   | ...     | ...        | ...      | 10        | 1         | 15     | 17       | 32     | ·08                                      | ·08      | ·08    | ·29  | 29  |
| ...   | ...     | ...        | 1        | 2         | 8         | 31     | 32       | 63     | ·20                                      | ·19      | ·19    | ·44  | 30  |
| ...   | 1       | ...        | ...      | 6         | 21        | 47     | 39       | 86     | ·29                                      | ·20      | ·24    | ·32  | 31  |
| 208   | 159     | 70         | 63       | 84        | 233       | 1,045  | 822      | 1,867  | ·19                                      | 16       | ·17    | ·39  |     |

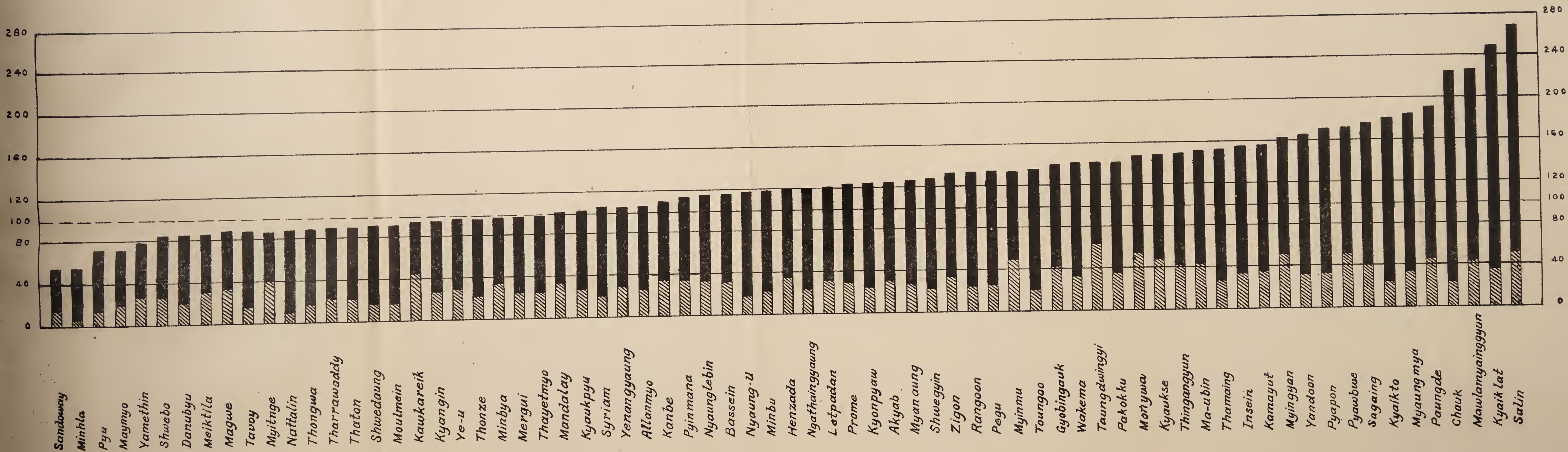
ANNUAL STATEMENT NO. VI (a) (Provincial), showing Births, Birth-rate, and Infantile Mortality Statistics of Towns having a population of 10,000 or over for the year 1929.

| 1<br>No. | 2<br>Towns.   | 3<br>Popula-<br>tion. | 4<br>Births. |         |        | 5<br>Birth-<br>rate. | 6<br>Deaths under one year. |         |        | 7<br>Infantile mortality rate. |         |        |
|----------|---------------|-----------------------|--------------|---------|--------|----------------------|-----------------------------|---------|--------|--------------------------------|---------|--------|
|          |               |                       | Male.        | Female. | Total. |                      | Male.                       | Female. | Total. | Male.                          | Female. | Total. |
|          |               |                       |              |         |        |                      |                             |         |        |                                |         |        |
| 1        | Akyab ...     | 36,569                | 317          | 334     | 651    | 17·80                | 102                         | 99      | 201    | 321·77                         | 296·41  | 308·76 |
| 2        | Rangoon ...   | 345,505               | 4,248        | 3,935   | 8,183  | 23·68                | 1,426                       | 1,197   | 2,623  | 335·69                         | 304·19  | 320·54 |
| 3        | Pegu ...      | 18,769                | 350          | 320     | 670    | 35·70                | 93                          | 72      | 165    | 265·71                         | 225·00  | 246·27 |
| 4        | Syriam ...    | 15,193                | 168          | 167     | 335    | 22·05                | 39                          | 27      | 66     | 232·14                         | 161·68  | 197·01 |
| 5        | Insein ...    | 14,308                | 170          | 151     | 321    | 22·44                | 61                          | 42      | 103    | 358·82                         | 278·15  | 320·87 |
| 6        | Prome ...     | 26,067                | 471          | 411     | 882    | 33·84                | 140                         | 127     | 267    | 297·24                         | 309·00  | 302·72 |
| 7        | Paungdè ...   | 14,154                | 130          | 127     | 257    | 18·16                | 61                          | 56      | 117    | 469·23                         | 440·94  | 455·25 |
| 8        | Bassein ...   | 42,563                | 717          | 674     | 1,391  | 32·68                | 248                         | 182     | 430    | 345·89                         | 270·03  | 309·13 |
| 9        | Henzada ...   | 23,651                | 399          | 428     | 827    | 34·97                | 136                         | 145     | 281    | 340·85                         | 338·79  | 339·78 |
| 10       | Thatôn ...    | 15,091                | 277          | 291     | 568    | 37·64                | 65                          | 52      | 117    | 234·66                         | 178·69  | 205·99 |
| 11       | Moulmein ...  | 61,301                | 904          | 838     | 1,742  | 28·42                | 169                         | 131     | 300    | 186·95                         | 156·32  | 172·22 |
| 12       | Tavoy ...     | 27,480                | 484          | 467     | 951    | 34·61                | 89                          | 60      | 149    | 183·88                         | 128·48  | 156·68 |
| 13       | Mergui ...    | 18,408                | 285          | 278     | 563    | 30·58                | 66                          | 70      | 136    | 231·58                         | 251·80  | 241·56 |
| 14       | Toungoo ...   | 19,332                | 241          | 264     | 505    | 26·12                | 60                          | 40      | 100    | 248·96                         | 151·52  | 198·02 |
| 15       | Thayetmyo ... | 10,768                | 155          | 171     | 326    | 30·27                | 39                          | 42      | 81     | 251·61                         | 245·61  | 248·47 |
| 16       | Allanmyo ...  | 11,219                | 177          | 154     | 331    | 29·50                | 44                          | 42      | 86     | 248·59                         | 272·73  | 259·82 |
| 17       | Pakôkku ...   | 19,507                | 366          | 376     | 742    | 38·04                | 126                         | 144     | 270    | 344·26                         | 382·98  | 363·88 |
| 18       | Mandalay ...  | 148,917               | 4,045        | 3,610   | 7,655  | 51·40                | 1,349                       | 1,167   | 2,516  | 333·50                         | 323·27  | 328·67 |
| 19       | Maymyo ...    | 16,558                | 391          | 345     | 736    | 44·45                | 68                          | 79      | 147    | 173·91                         | 228·99  | 199·73 |
| 20       | Myingyan ...  | 18,931                | 343          | 362     | 705    | 37·24                | 175                         | 183     | 358    | 510·20                         | 505·52  | 507·80 |
| 21       | Pyinmana ...  | 14,886                | 316          | 284     | 600    | 40·31                | 111                         | 84      | 195    | 351·27                         | 295·77  | 325·00 |
| 22       | Shwebo ...    | 10,650                | 330          | 323     | 653    | 61·57                | 91                          | 84      | 175    | 275·76                         | 260·06  | 267·99 |
| 23       | Sagaing ...   | 11,858                | 237          | 205     | 442    | 37·27                | 105                         | 75      | 180    | 443·04                         | 365·85  | 407·24 |

(CHART No. I)

NUMBER OF DEATHS PER 100 BIRTHS IN TOWNS IN 1929.

Infant Deaths   
Other Deaths   
Total Deaths 





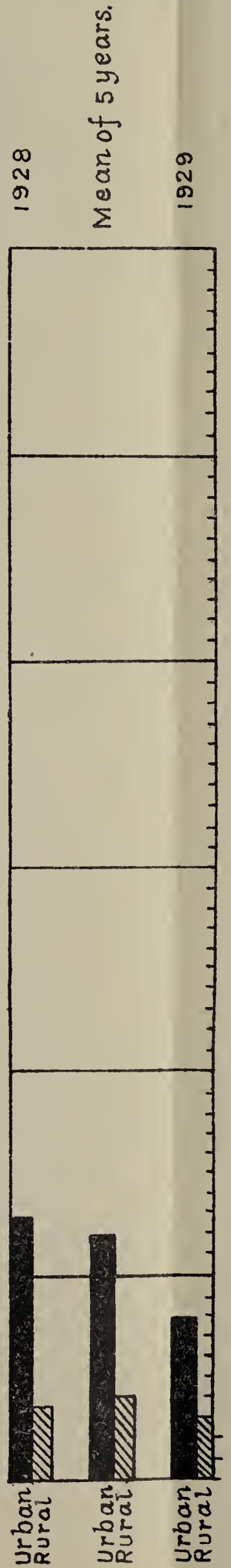
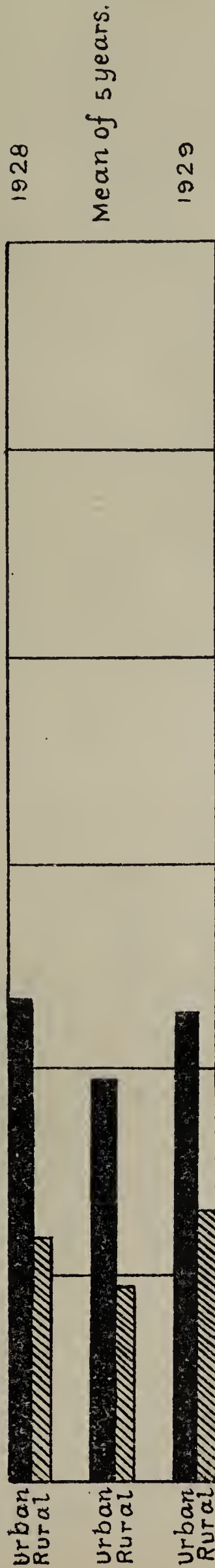
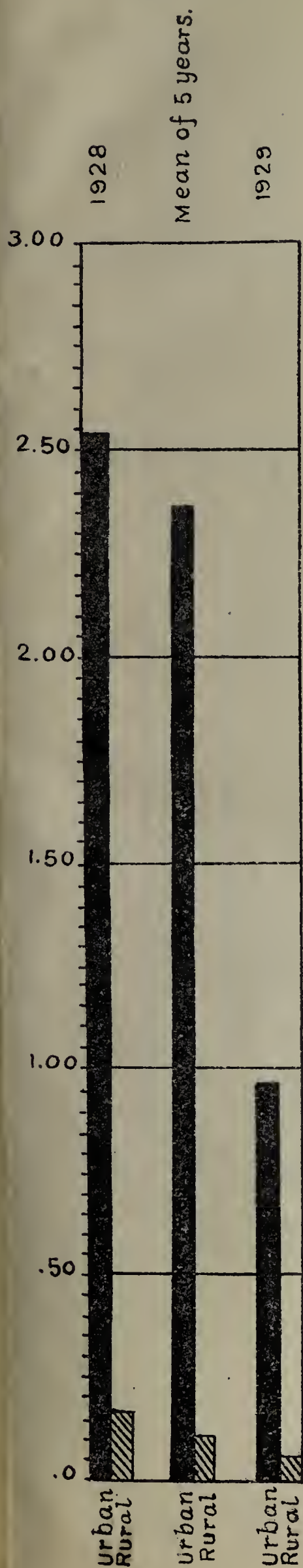
( CHART No. II )

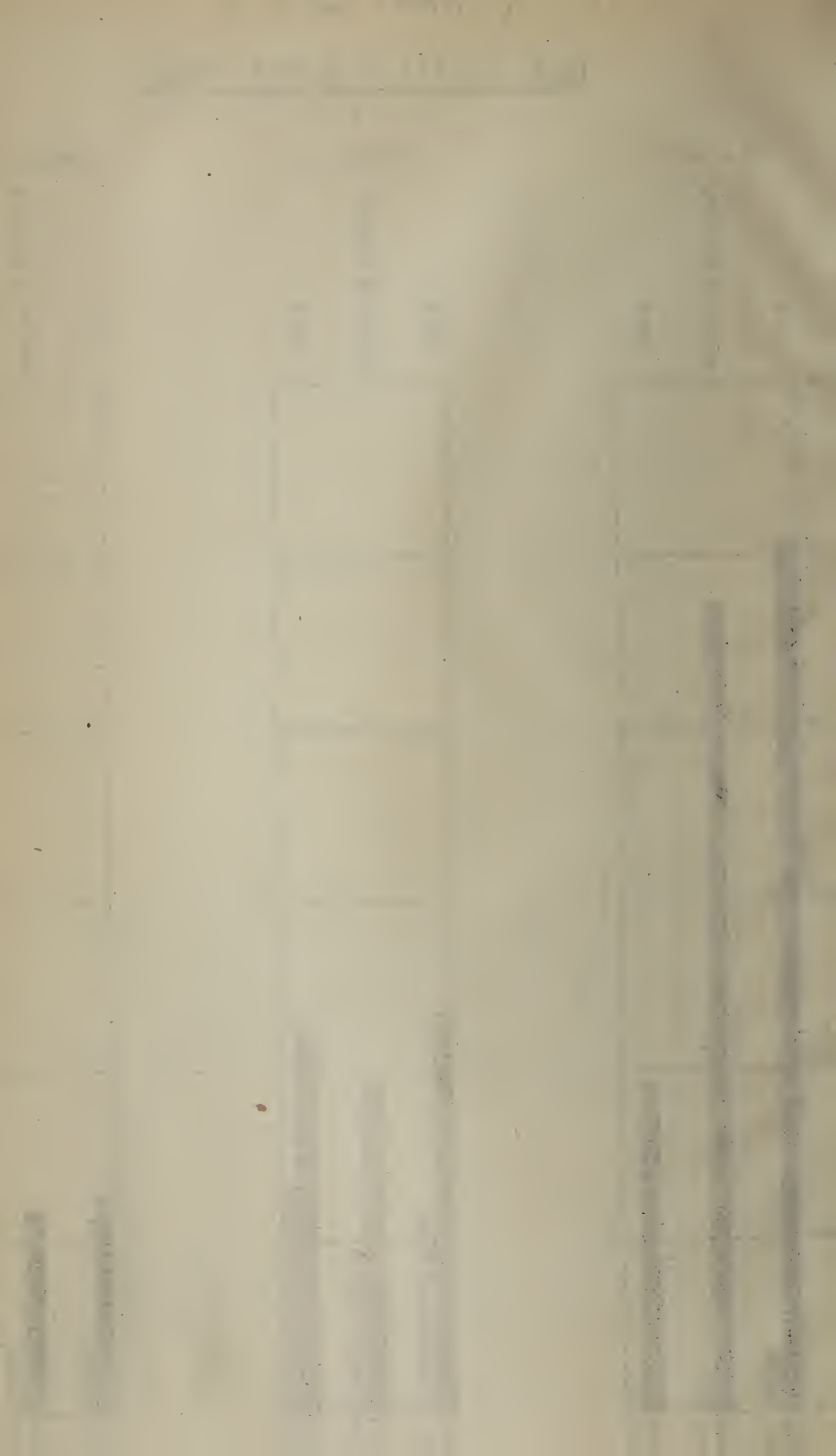
DEATH-RATE IN BURMA FROM

PLAGUE.

CHOLERA.

SMALL POX.

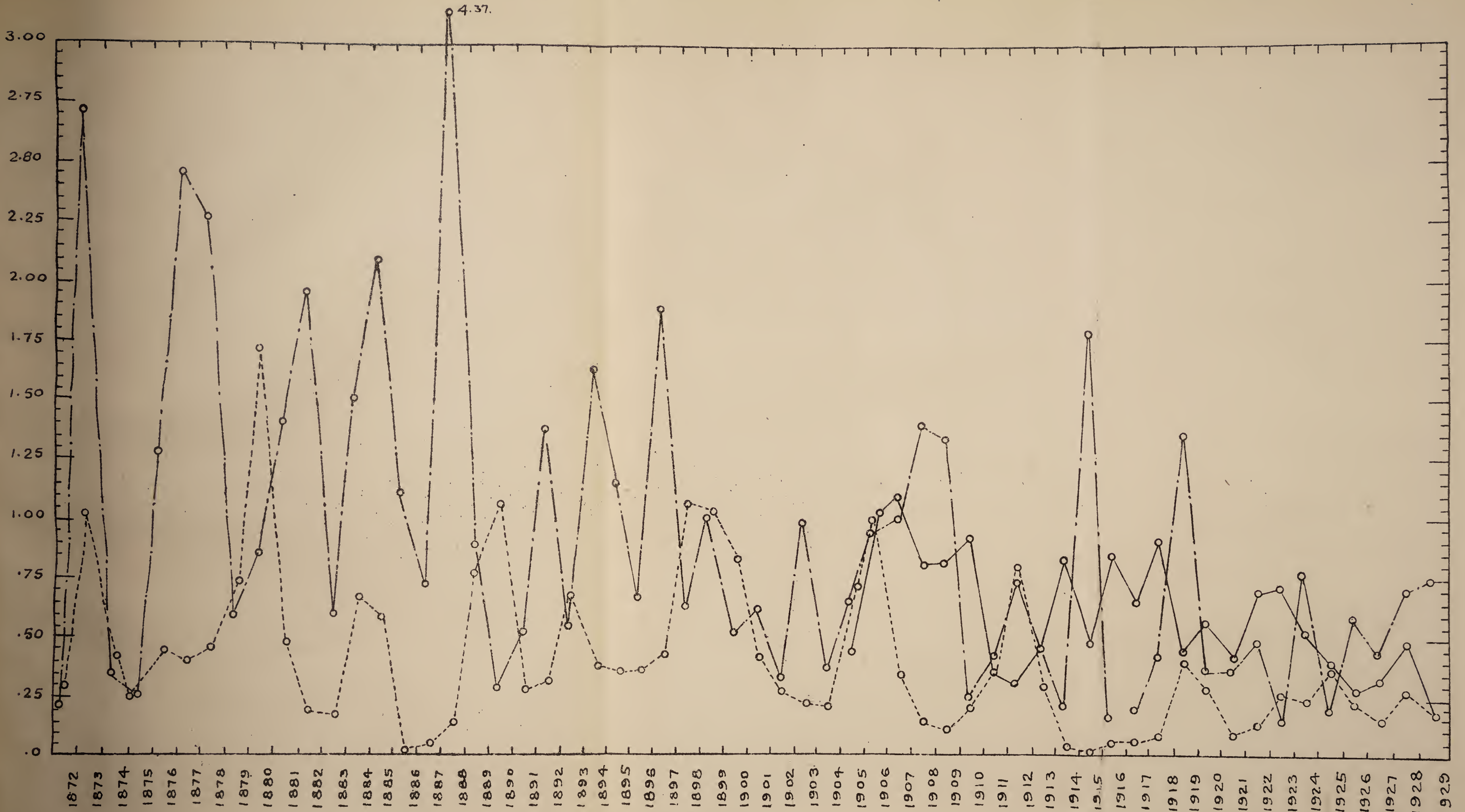






DEATHS FROM NOTIFIABLE DISEASES IN BURMA

(CHART. No. III)



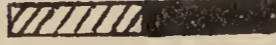


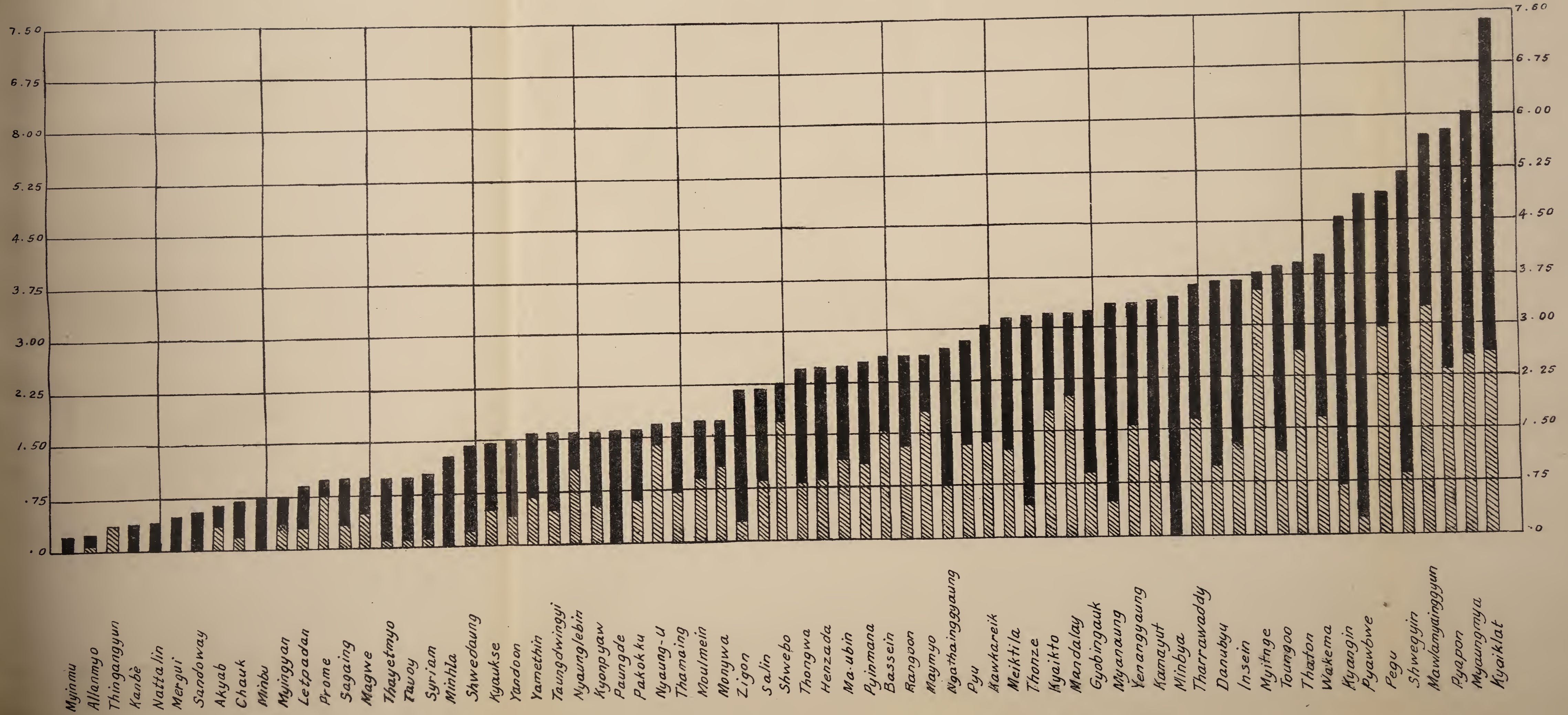
References

- Cholera death rate thus
- Small Pox " " "
- Plague " " "



(CHART No. IV)

DYSENTERY THUS   
DIARRHOEA ... "   
TOTAL ... " 

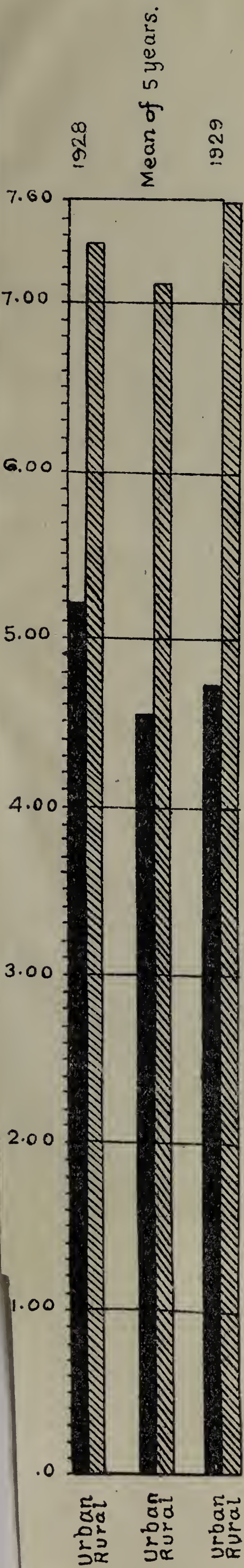




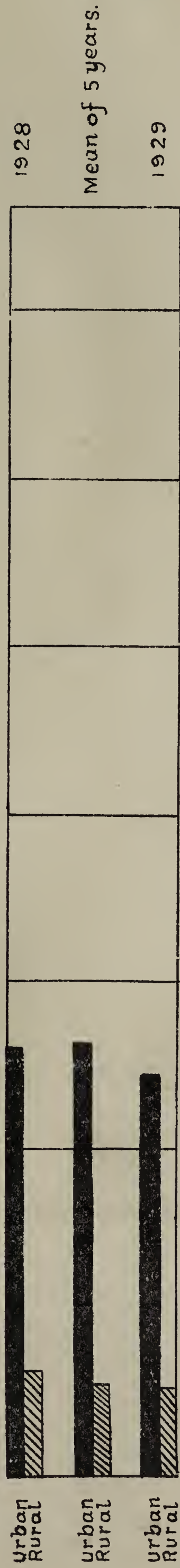
(CHART No. V)

DEATH-RATE IN BURMA FROM

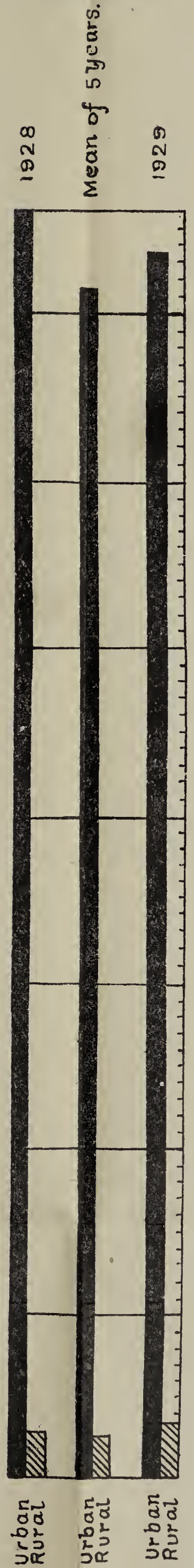
FEVERS.



DYSENTERY & DIARRHOEA.



RESPIRATORY DISEASES.



2



